

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002429.D
 Acq On : 21 Apr 2020 13:50
 Operator : SY/MD
 Sample : VY0421SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 14:59:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	278472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	424714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	177519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	103050	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.74	113	116068	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.18	98	472056	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.49	95	155631	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.91	85	37554	19.739	ug/l	99
3) Chloromethane	2.12	50	47715	20.542	ug/l	100
4) Vinyl Chloride	2.26	62	51280	20.492	ug/l	96
5) Bromomethane	2.66	94	29092	17.928	ug/l	91
6) Chloroethane	2.80	64	25715	17.406	ug/l	96
7) Trichlorofluoromethane	3.14	101	73386	18.842	ug/l	96
8) Diethyl Ether	3.55	74	30071	19.563	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	49976	19.617	ug/l	99
10) Methyl Iodide	4.11	142	60526	17.619	ug/l	99
11) Tert butyl alcohol	4.97	59	23782	98.251	ug/l	98
12) 1,1-Dichloroethene	3.89	96	51930	19.639	ug/l	97
13) Acrolein	3.75	56	20492	86.145	ug/l	100
14) Allyl chloride	4.50	41	61453	18.896	ug/l	98
15) Acrylonitrile	5.19	53	68977	100.120	ug/l	98
16) Acetone	3.97	43	56415	104.233	ug/l	99
17) Carbon Disulfide	4.21	76	153256	19.021	ug/l	99
18) Methyl Acetate	4.49	43	29643	19.161	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	120874	19.464	ug/l	100
20) Methylene Chloride	4.74	84	67227	22.197	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	56382	19.703	ug/l	95
22) Diisopropyl ether	6.14	45	124465	19.089	ug/l	97
23) Vinyl Acetate	6.08	43	397149	96.699	ug/l	100
24) 1,1-Dichloroethane	6.04	63	80930	19.572	ug/l	98
25) 2-Butanone	7.00	43	75408	97.742	ug/l	100
26) 2,2-Dichloropropane	7.00	77	70510	19.479	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	60577	19.519	ug/l	99
28) Bromochloromethane	7.35	49	31549	20.023	ug/l	97
29) Tetrahydrofuran	7.36	42	47614	96.226	ug/l	97
30) Chloroform	7.52	83	80878	18.953	ug/l	99
31) Cyclohexane	7.80	56	79108	18.875	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	73602	19.529	ug/l	98
36) 1,1-Dichloropropene	7.93	75	65896	19.282	ug/l	99
37) Ethyl Acetate	7.09	43	31420	19.661	ug/l	98
38) Carbon Tetrachloride	7.91	117	66948	19.449	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	90548	19.191	ug/l	97
40) Benzene	8.18	78	206819	19.663	ug/l	100
41) Methacrylonitrile	7.36	41	42927	50.438	ug/l #	14
42) 1,2-Dichloroethane	8.25	62	48052	19.391	ug/l	99
43) Isopropyl Acetate	8.28	43	57429	19.164	ug/l	100
44) Trichloroethene	8.95	130	70674	20.098	ug/l	99
45) 1,2-Dichloropropane	9.22	63	47154	19.627	ug/l	97
46) Dibromomethane	9.32	93	28004	19.972	ug/l	98
47) Bromodichloromethane	9.50	83	61721	19.402	ug/l	96
48) Methyl methacrylate	9.30	41	25096	18.756	ug/l	95
49) 1,4-Dioxane	9.31	88	7846	379.547	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	157666	101.299	ug/l	99
52) Toluene	10.25	92	129888	19.513	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	66260	19.474	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	80480	19.888	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	42350	20.137	ug/l	98
56) Ethyl methacrylate	10.52	69	53620	19.794	ug/l	99
57) 1,3-Dichloropropane	10.80	76	68447	19.880	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	135885	101.265	ug/l	100
59) 2-Hexanone	10.83	43	110494	100.026	ug/l	99
60) Dibromochloromethane	10.99	129	49226	19.433	ug/l	99
61) 1,2-Dibromoethane	11.09	107	40921	19.943	ug/l	99
64) Tetrachloroethene	10.72	164	81742	20.085	ug/l	98
65) Chlorobenzene	11.52	112	145130	19.832	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	50082	19.399	ug/l	99
67) Ethyl Benzene	11.60	91	247075	19.521	ug/l	97
68) m/p-Xylenes	11.70	106	194090	39.681	ug/l	99
69) o-Xylene	12.03	106	91722	19.904	ug/l	99
70) Styrene	12.05	104	157241	19.933	ug/l	99
71) Bromoform	12.21	173	31253	19.782	ug/l #	96
73) Isopropylbenzene	12.33	105	247530	21.246	ug/l	100
74) N-amyl acetate	12.14	43	51709	20.305	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	29791	20.770	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	59620	38.123	ug/l #	100
77) Bromobenzene	12.61	156	62131	21.169	ug/l	99
78) n-propylbenzene	12.67	91	285639	20.756	ug/l	99
79) 2-Chlorotoluene	12.76	91	155171	20.652	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	198845	20.700	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16984	21.165	ug/l	98
82) 4-Chlorotoluene	12.86	91	162641	20.594	ug/l #	100
83) tert-Butylbenzene	13.08	119	176183	21.126	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	200862	20.872	ug/l	99
85) sec-Butylbenzene	13.25	105	239181	20.156	ug/l	100
86) p-Isopropyltoluene	13.38	119	217241	20.185	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	112245	20.559	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	110583	20.012	ug/l	99
89) n-Butylbenzene	13.70	91	189911	18.926	ug/l	100
90) Hexachloroethane	13.97	117	38806	19.232	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	102464	20.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6404	19.560	ug/l	97

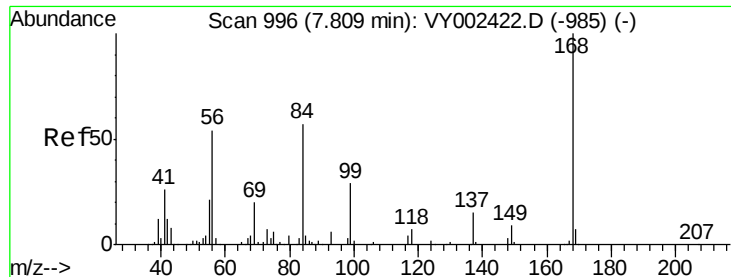
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	74958	20.938	ug/l	99
94) Hexachlorobutadiene	15.12	225	41884	21.335	ug/l	99
95) Naphthalene	15.24	128	142595	20.548	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	63645	20.480	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

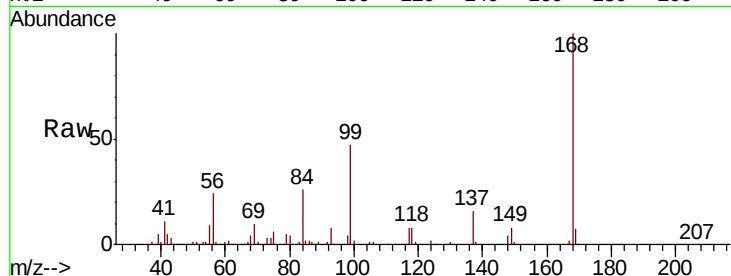
ClientSampleId :

Tot Ion:168 Resp: 278472

Ion Ratio Lower Upper

168 100

99 46.8 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

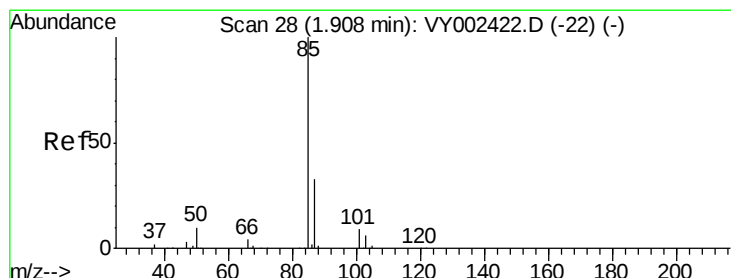
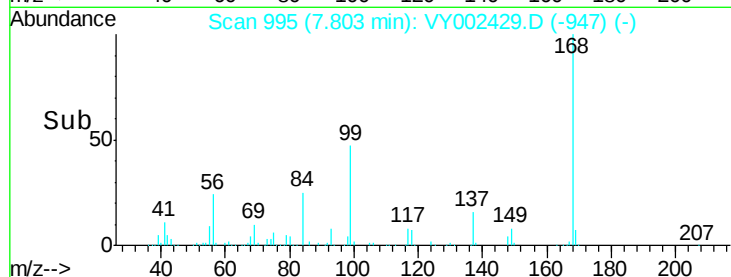
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.739 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002429.D

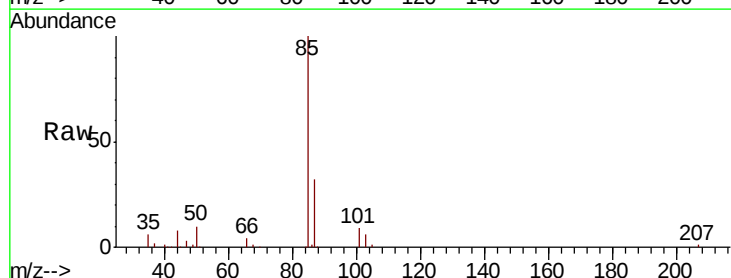
Acq: 21 Apr 2020 13:50

Tgt Ion: 85 Resp: 37554

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002429.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002429.D (-1) (-)

1.91

30000

25000

20000

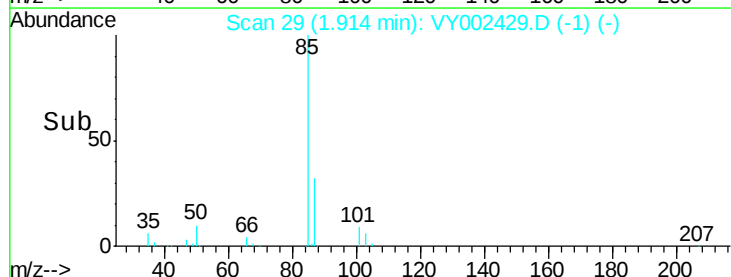
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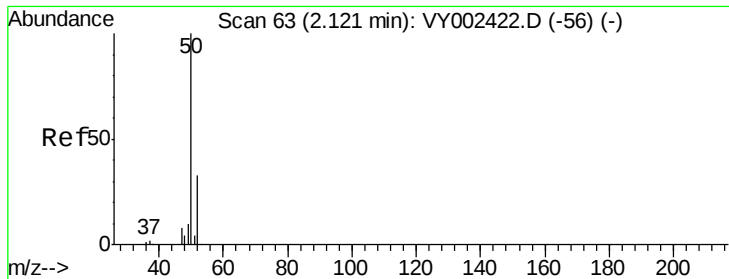
10000

5000

0

Time-->





#3

Chloromethane

Concen: 20.542 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

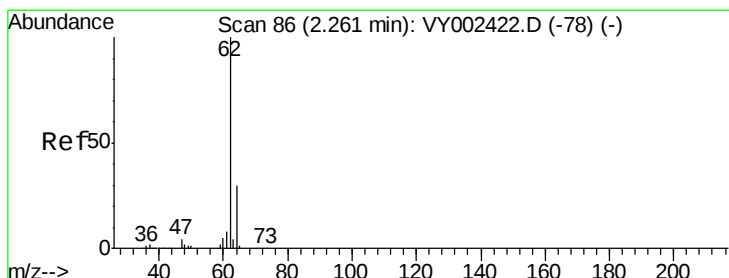
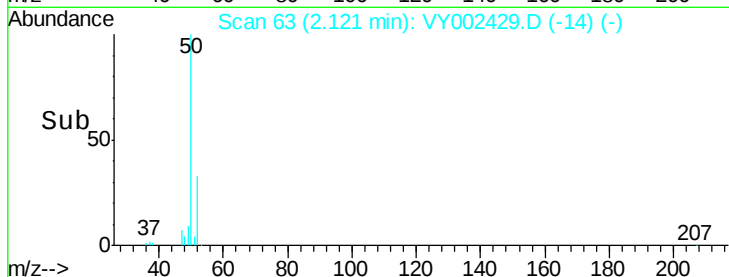
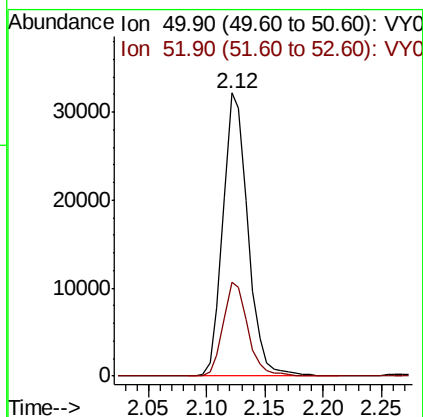
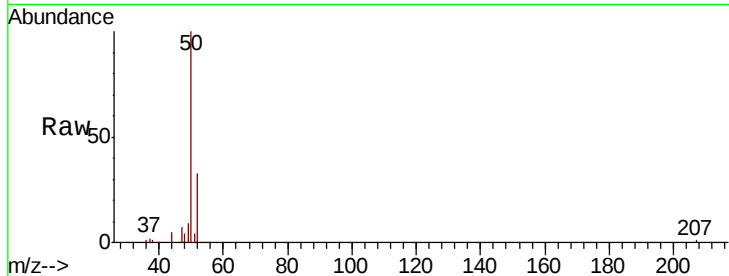
ClientSampleId :

Tot Ion: 50 Resp: 47715

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 20.492 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002429.D

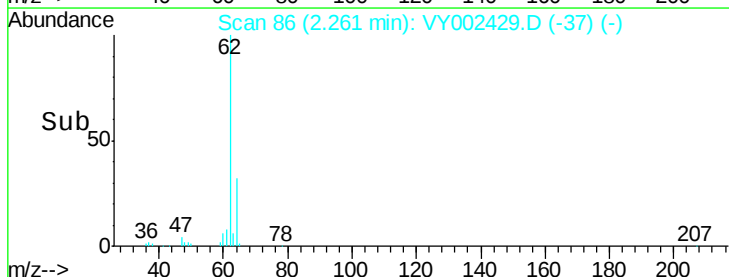
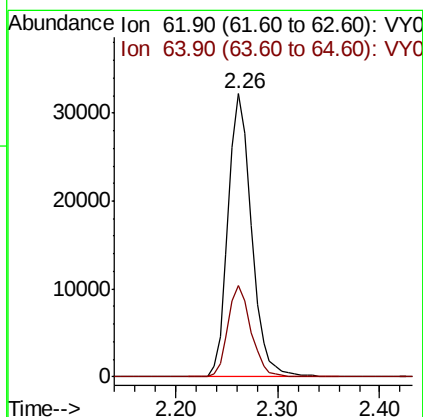
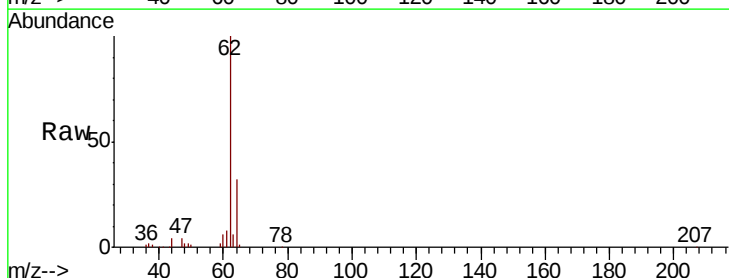
Acq: 21 Apr 2020 13:50

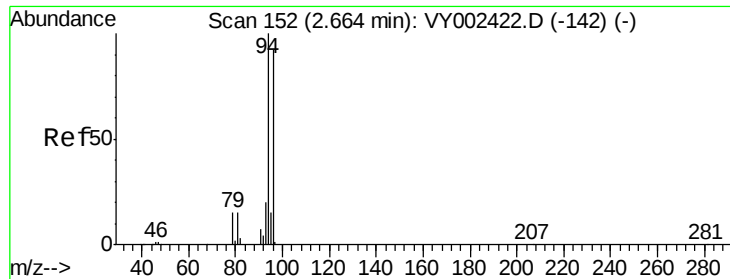
Tgt Ion: 62 Resp: 51280

Ion Ratio Lower Upper

62 100

64 32.2 24.1 36.1





#5

Bromomethane

Concen: 17.928 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

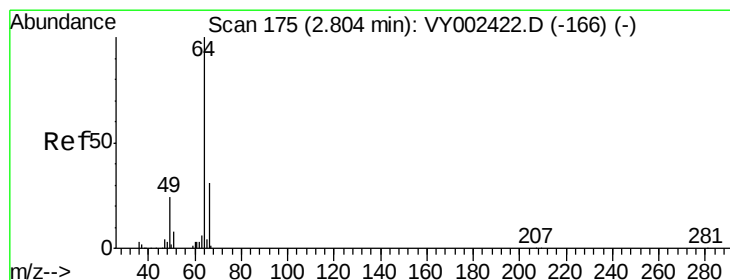
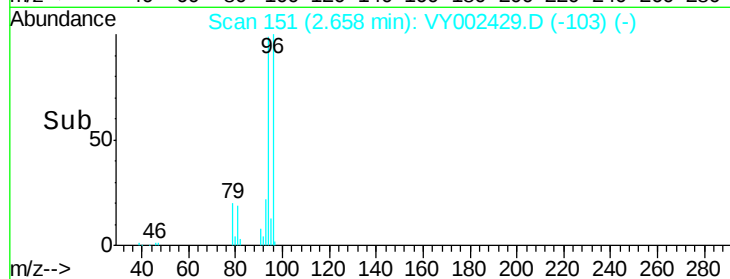
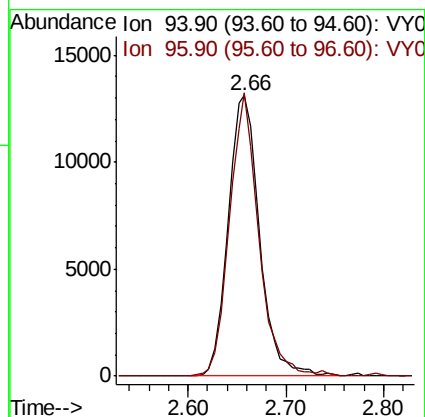
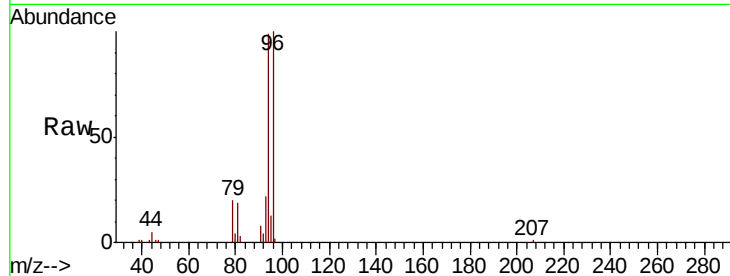
ClientSampleId :

Tot Ion: 94 Resp: 29092

Ion Ratio Lower Upper

94 100

96 100.9 73.5 110.3



#6

Chloroethane

Concen: 17.406 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002429.D

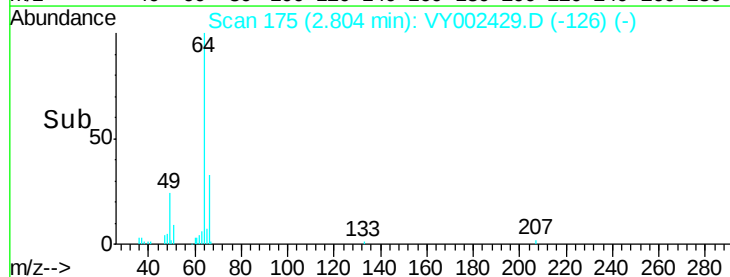
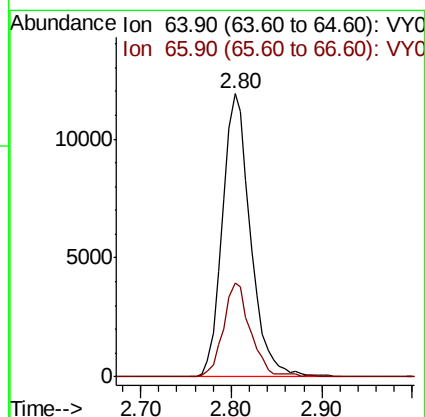
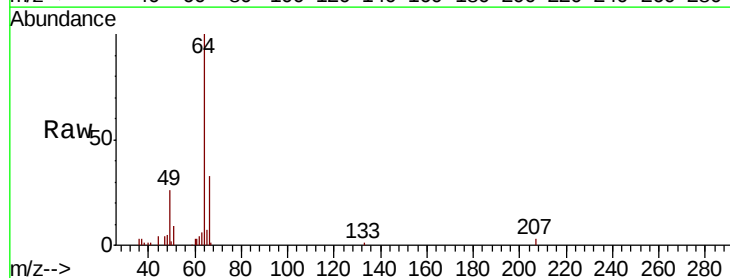
Acq: 21 Apr 2020 13:50

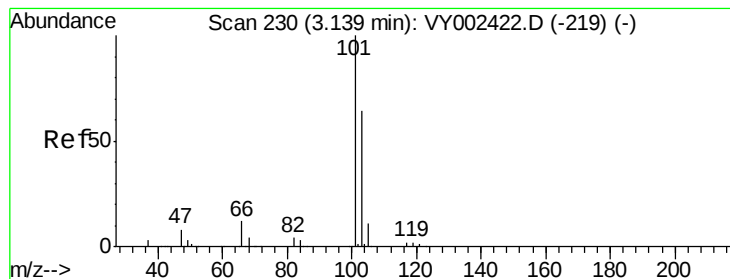
Tgt Ion: 64 Resp: 25715

Ion Ratio Lower Upper

64 100

66 33.4 25.0 37.6



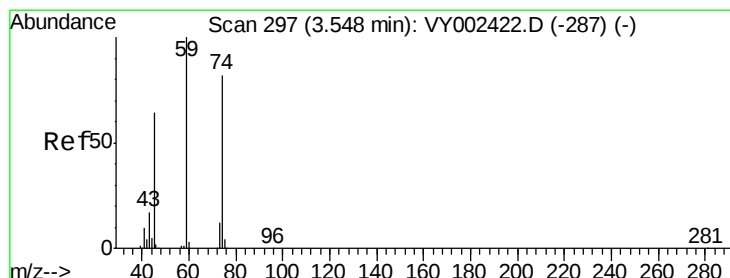
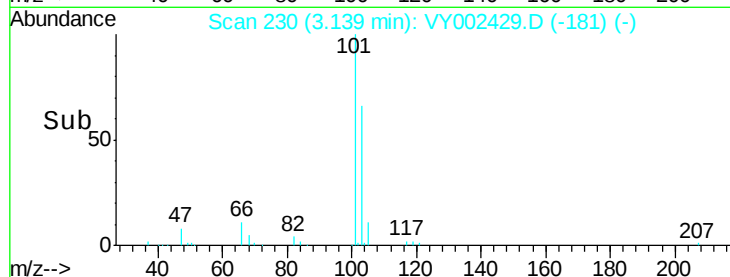
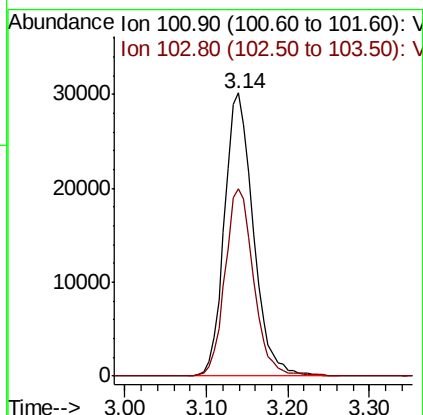
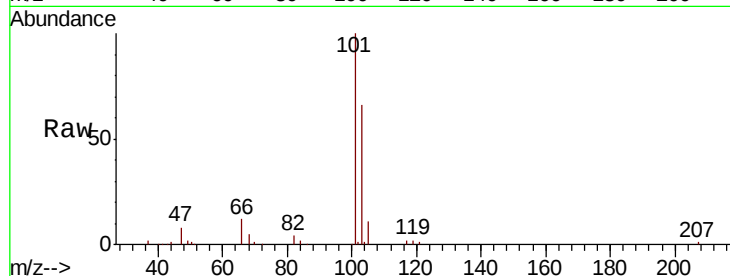


#7

Trichlorofluoromethane
 Concen: 18.842 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :

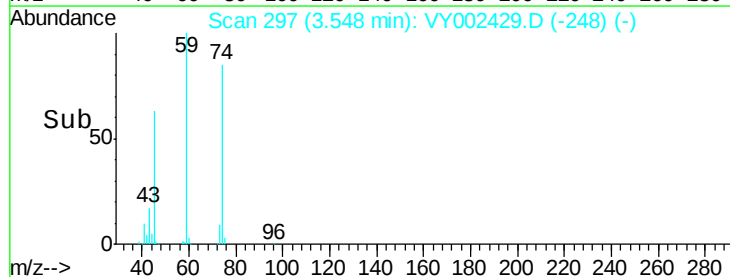
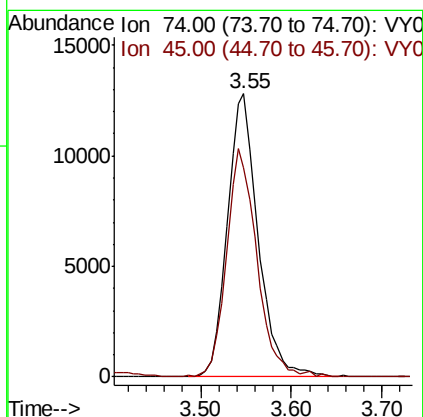
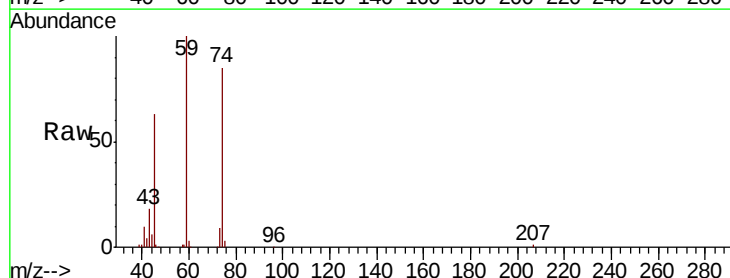
Tot Ion:101 Resp: 73386
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.8 76.2

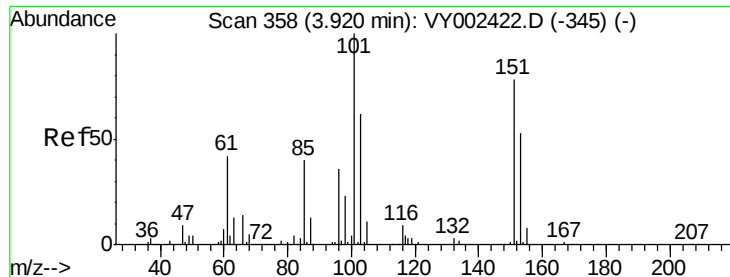


#8

Diethyl Ether
 Concen: 19.563 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Tgt Ion: 74 Resp: 30071
 Ion Ratio Lower Upper
 74 100
 45 79.7 39.5 118.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.617 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

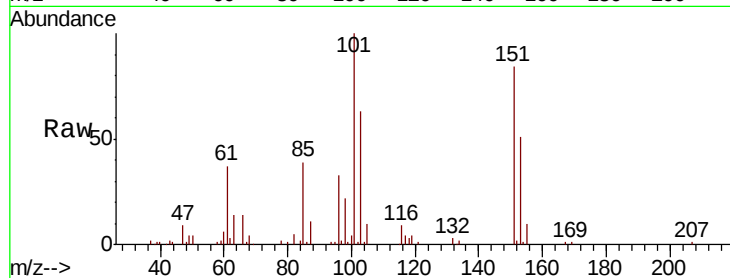
Tot Ion:101 Resp: 49976

Ion Ratio Lower Upper

101 100

85 39.8 32.2 48.4

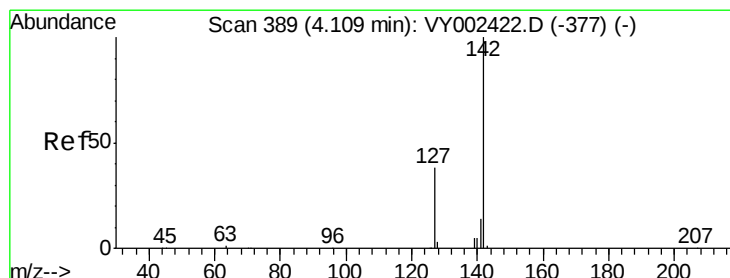
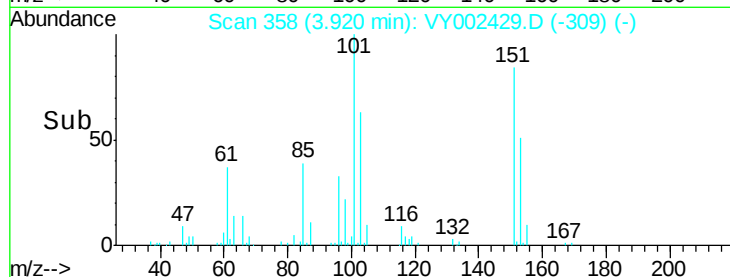
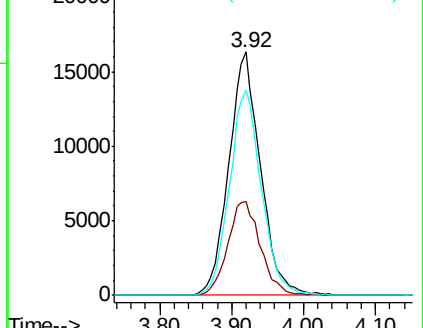
151 85.2 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.619 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

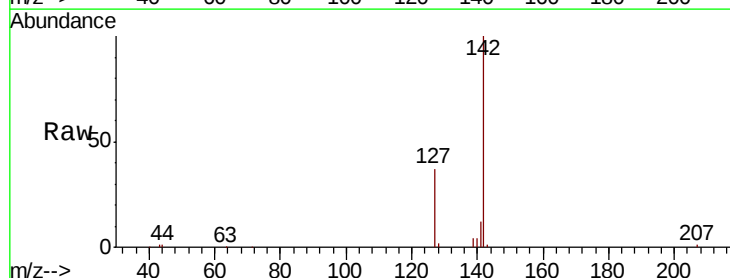
Tgt Ion:142 Resp: 60526

Ion Ratio Lower Upper

142 100

127 37.7 30.7 46.1

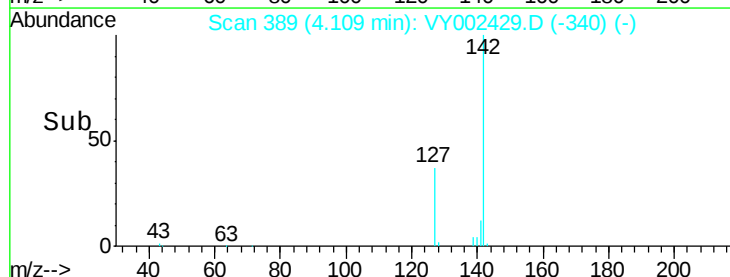
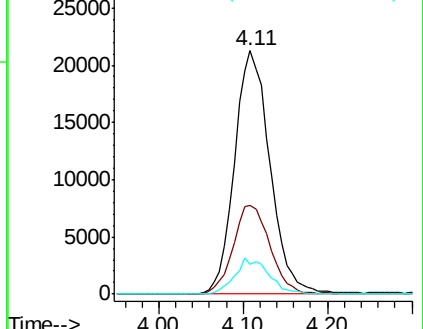
141 14.0 11.4 17.2

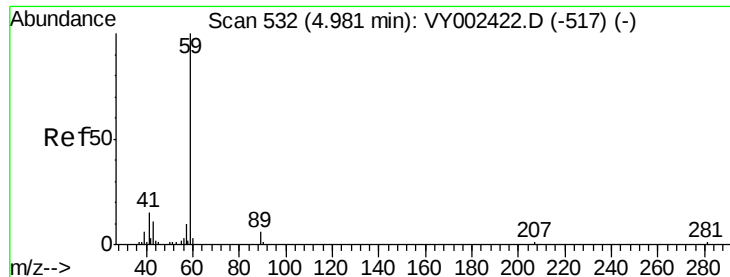


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



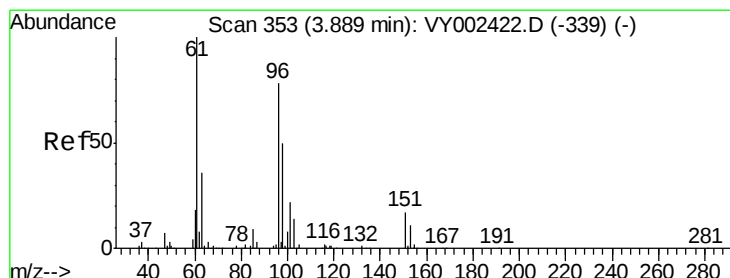
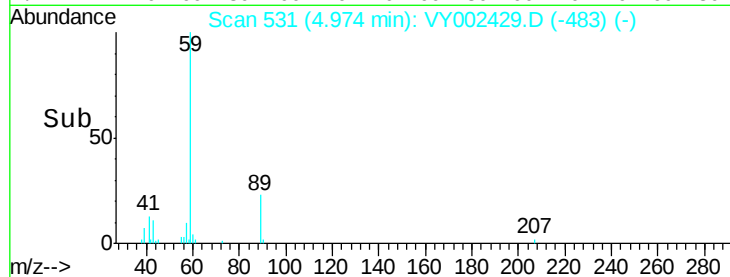
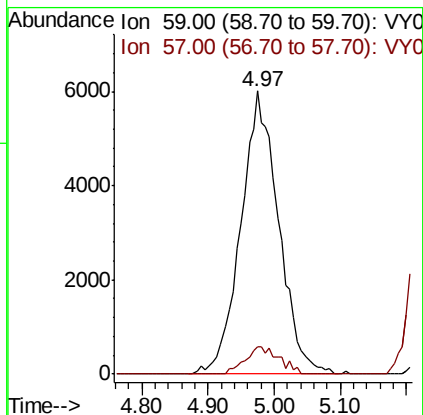
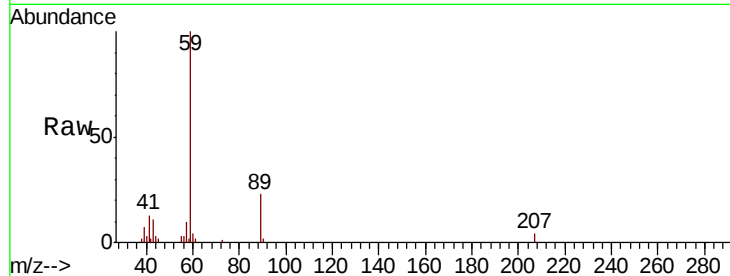


#11

Tert butyl alcohol
 Concen: 98.251 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :

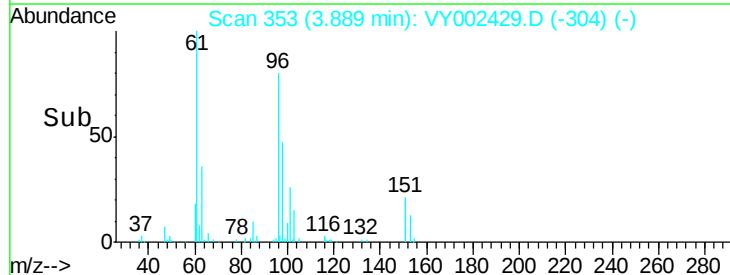
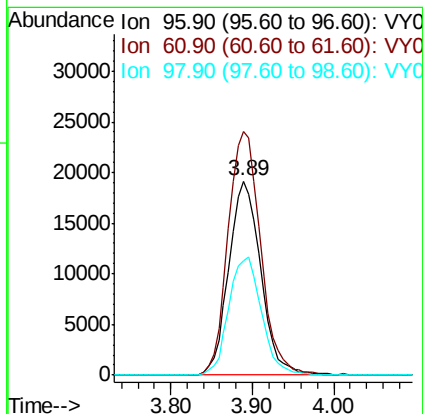
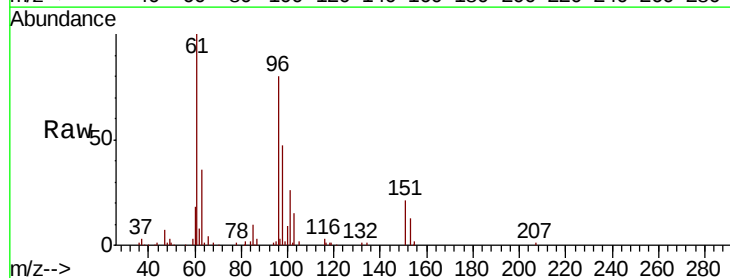
Tot Ion: 59 Resp: 23782
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.4 11.2

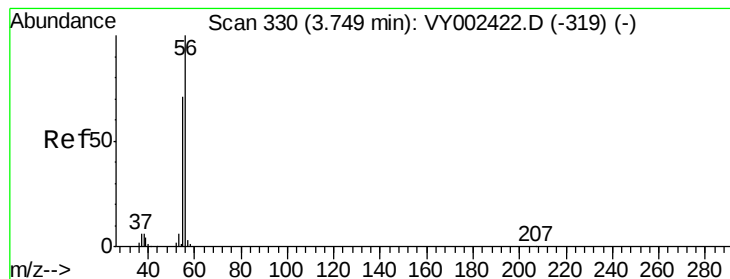


#12

1,1-Dichloroethene
 Concen: 19.639 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Tgt Ion: 96 Resp: 51930
 Ion Ratio Lower Upper
 96 100
 61 125.5 102.1 153.1
 98 59.2 51.3 76.9





#13

Acrolein

Concen: 86.145 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

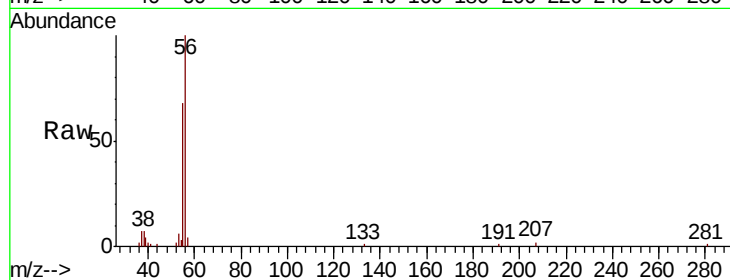
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 20492

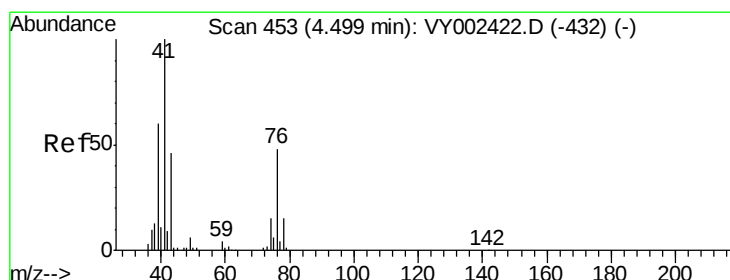
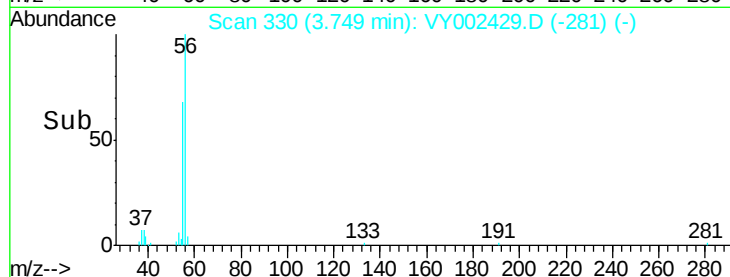
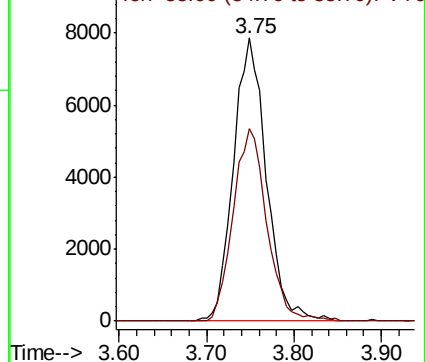
Ion Ratio Lower Upper

56 100

55 70.0 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 18.896 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

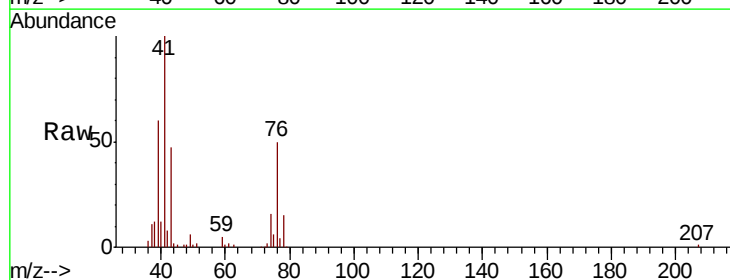
Tgt Ion: 41 Resp: 61453

Ion Ratio Lower Upper

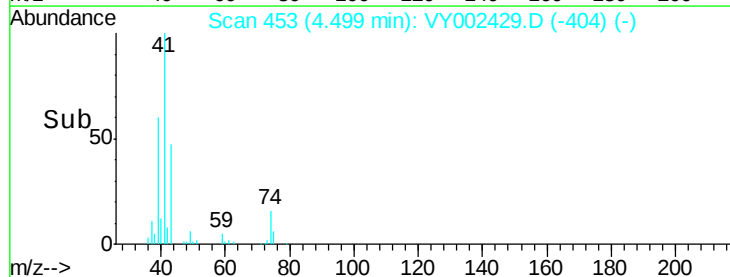
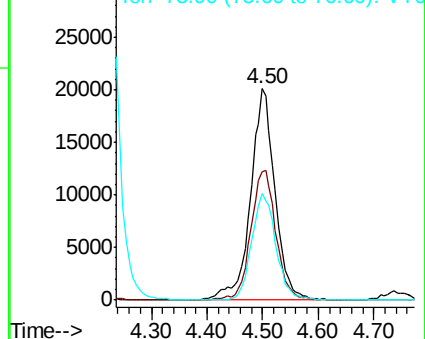
41 100

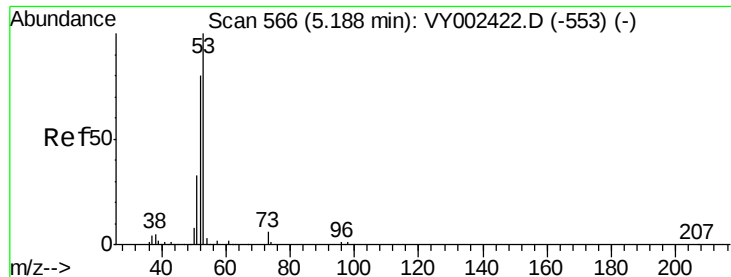
39 63.1 49.1 73.7

76 49.8 38.6 57.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 100.120 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampled :

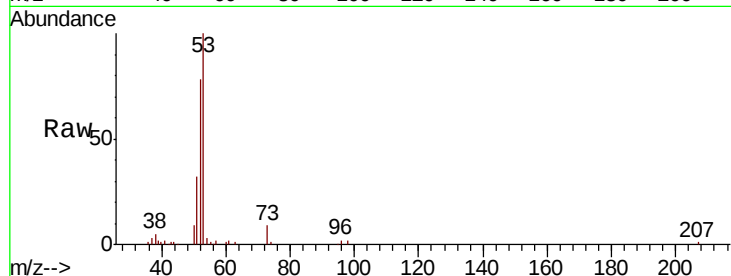
Tot Ion: 53 Resp: 68977

Ion Ratio Lower Upper

53 100

52 79.1 65.1 97.7

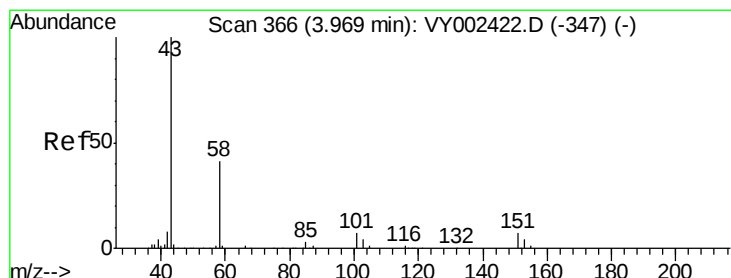
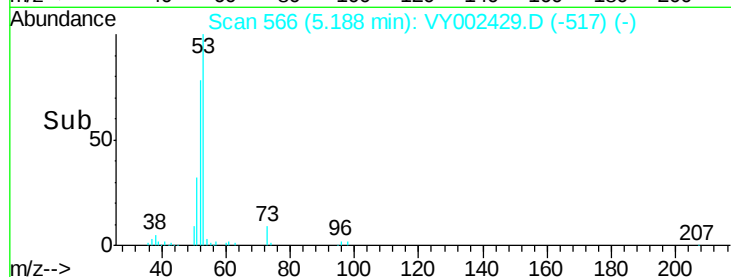
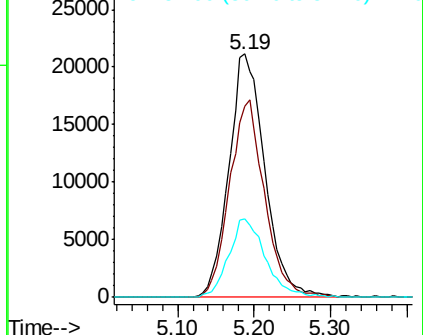
51 33.0 26.8 40.2



Abundance Ion 53.00 (52.70 to 53.70): VY002429.D (-517) (-)

Ion 52.00 (51.70 to 52.70): VY002429.D (-517) (-)

Ion 51.00 (50.70 to 51.70): VY002429.D (-517) (-)



#16

Acetone

Concen: 104.233 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002429.D

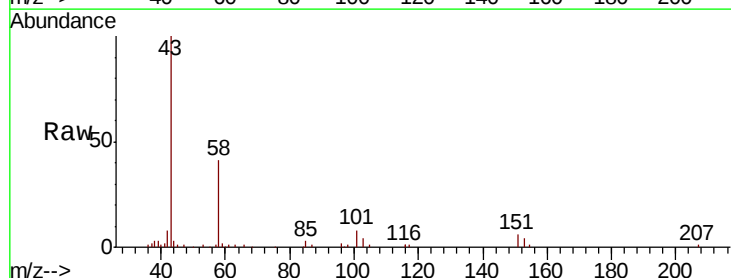
Acq: 21 Apr 2020 13:50

Tgt Ion: 43 Resp: 56415

Ion Ratio Lower Upper

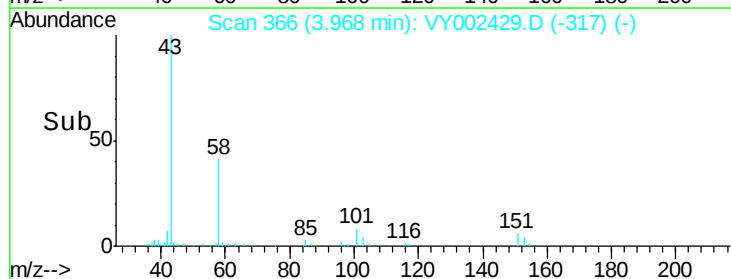
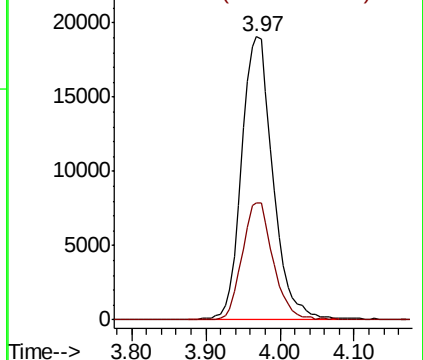
43 100

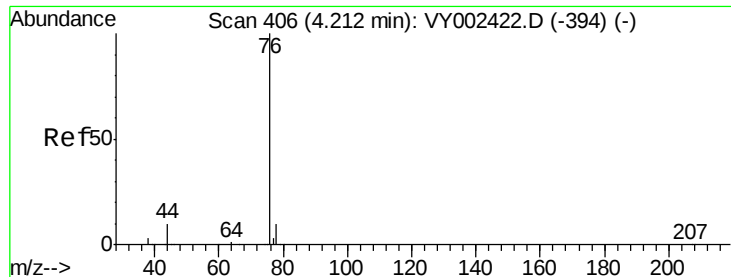
58 41.5 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002429.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY002429.D (-317) (-)

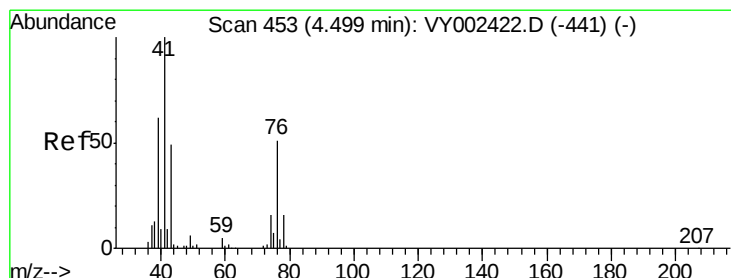
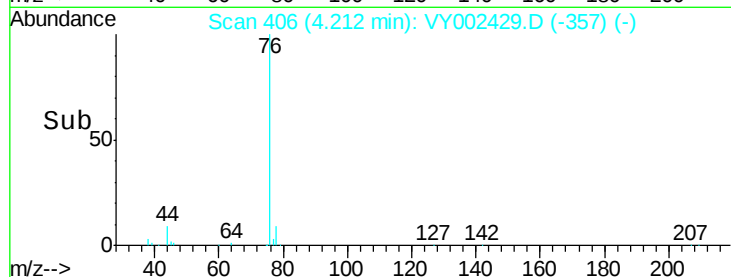
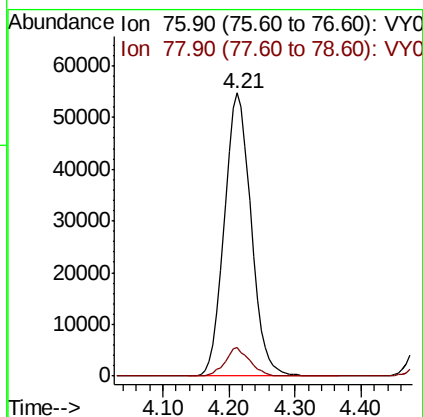
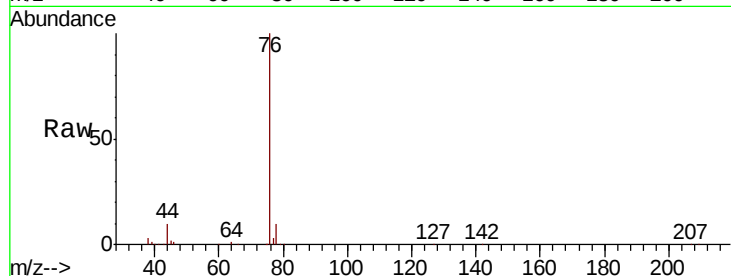




#17
Carbon Disulfide
Concen: 19.021 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

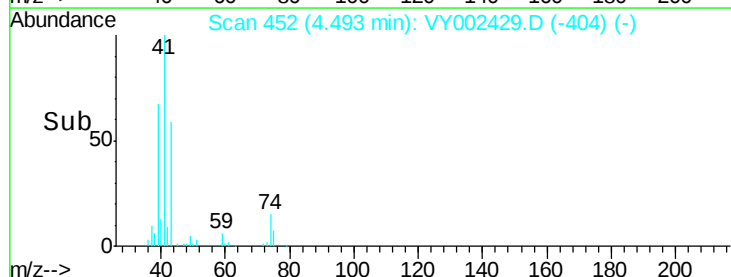
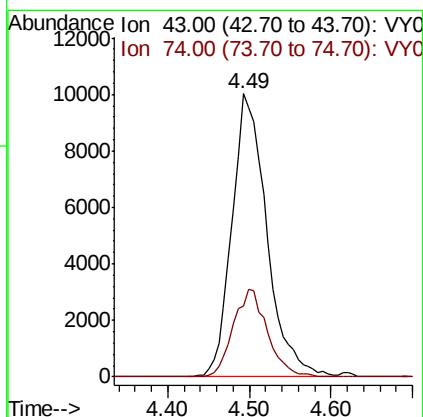
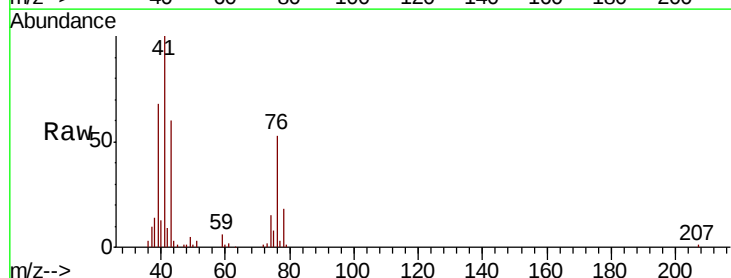
Instrument :
MSVOA_Y
ClientSampleId :

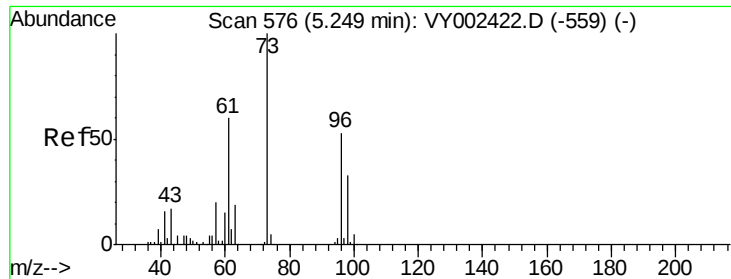
Tot Ion: 76 Resp: 153256
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.6



#18
Methyl Acetate
Concen: 19.161 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion: 43 Resp: 29643
Ion Ratio Lower Upper
43 100
74 30.2 24.8 37.2

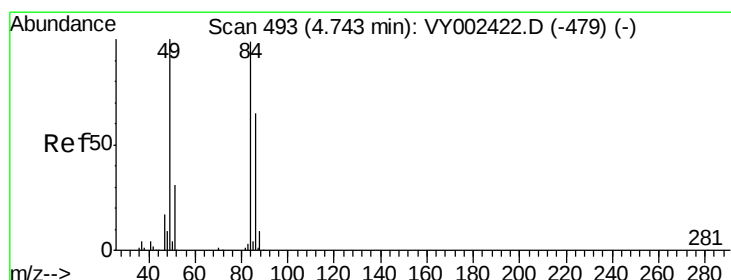
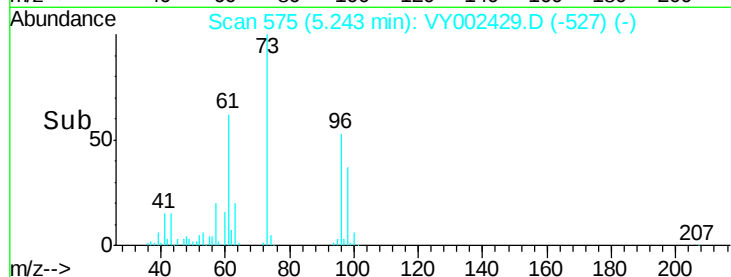
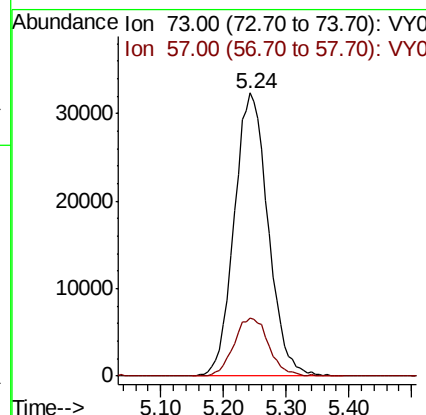
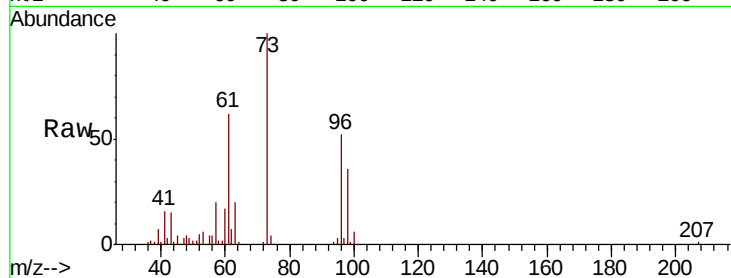




#19
Methyl tert-butyl Ether
Concen: 19.464 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

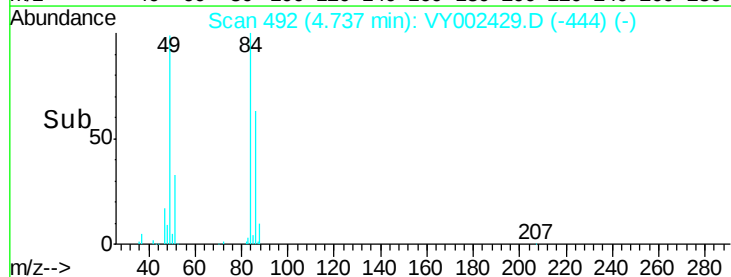
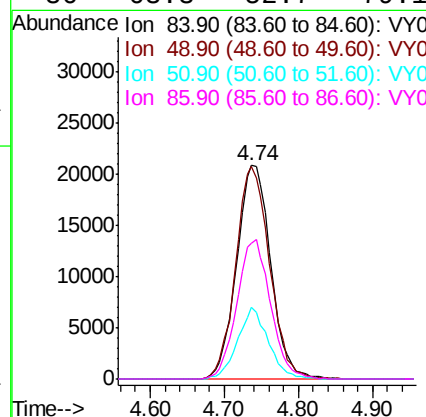
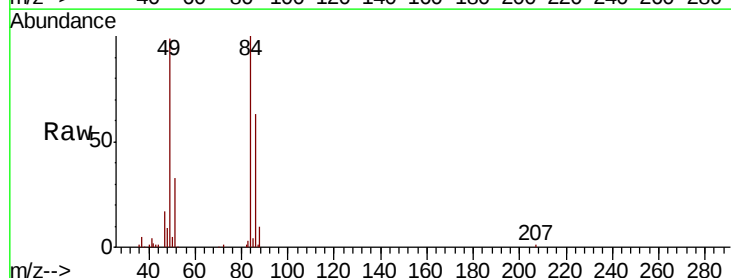
Instrument :
MSVOA_Y
ClientSampled :

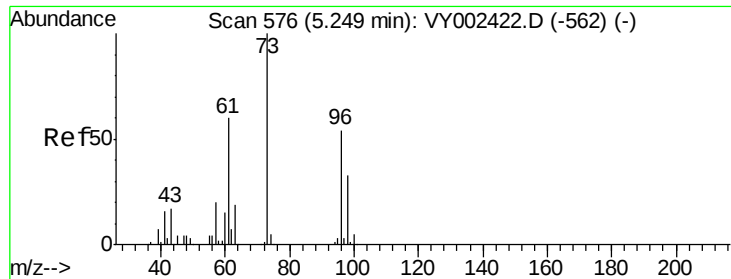
Tot Ion: 73 Resp: 120874
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5



#20
Methylene Chloride
Concen: 22.197 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion: 84 Resp: 67227
Ion Ratio Lower Upper
84 100
49 99.3 81.0 121.6
51 33.3 24.9 37.3
86 63.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.703 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

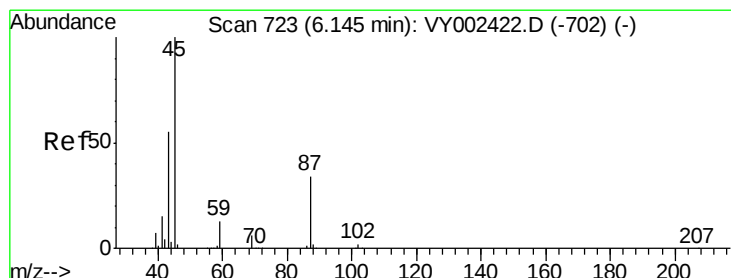
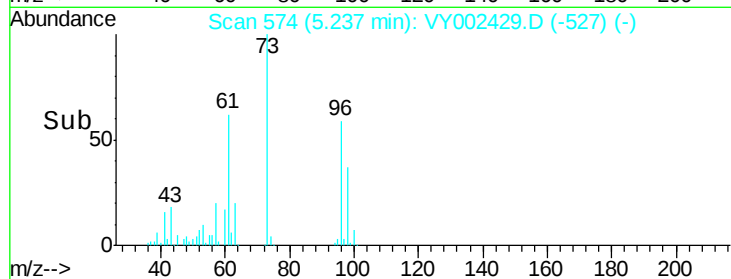
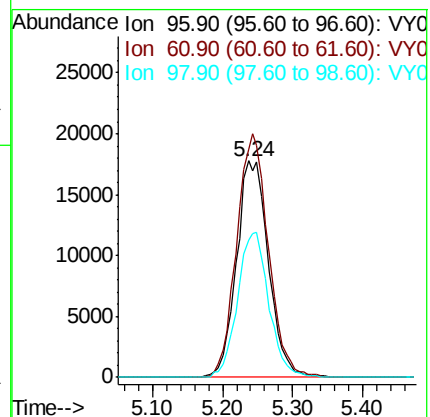
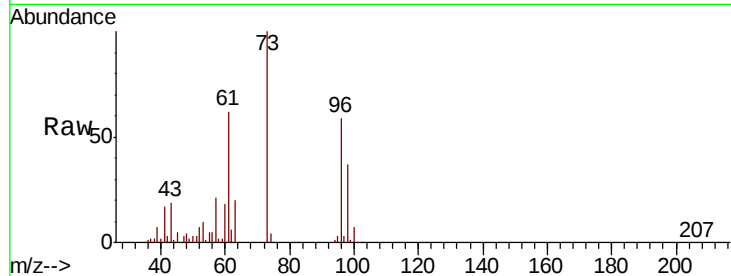
Tot Ion: 96 Resp: 56382

Ion Ratio Lower Upper

96 100

61 105.8 89.7 134.5

98 63.6 49.7 74.5



#22

Diisopropyl ether

Concen: 19.089 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Tgt Ion: 45 Resp: 124465

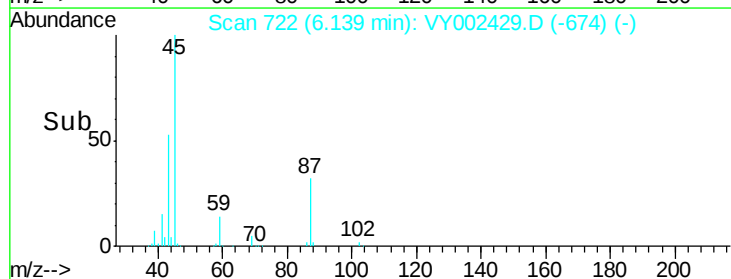
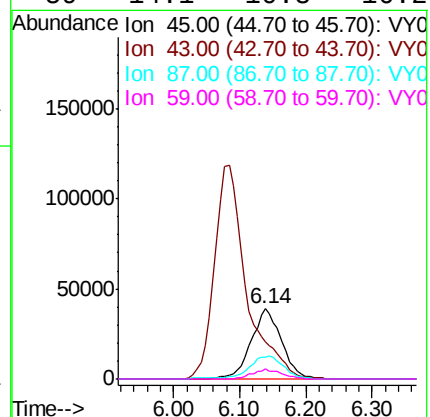
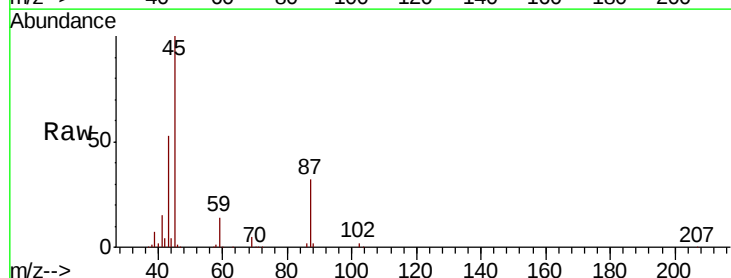
Ion Ratio Lower Upper

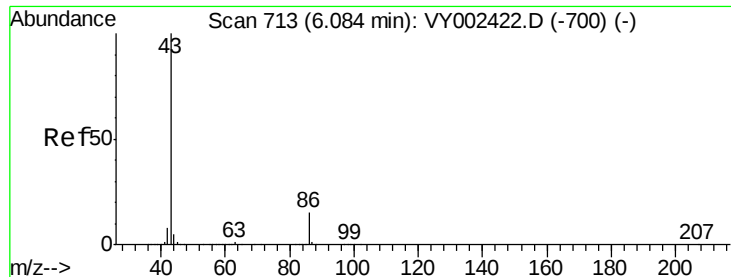
45 100

43 53.1 43.8 65.6

87 31.8 27.4 41.2

59 14.1 10.8 16.2





#23

Vinyl Acetate

Concen: 96.699 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

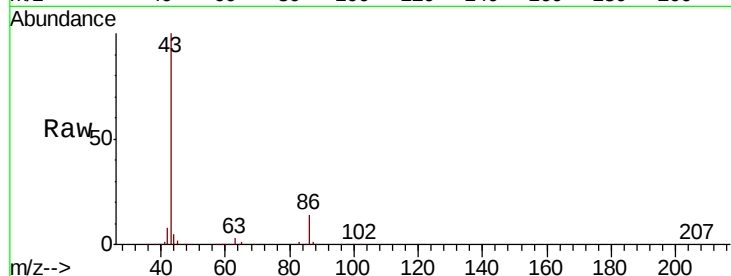
ClientSampleId :

Tot Ion: 43 Resp: 397149

Ion Ratio Lower Upper

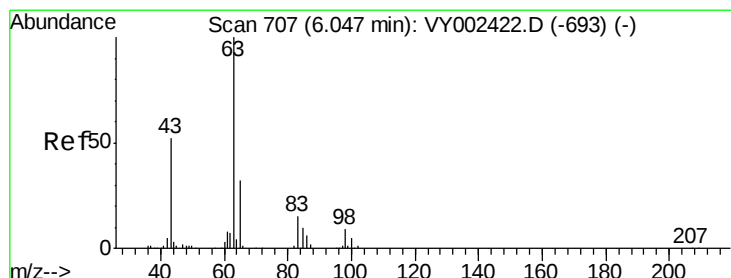
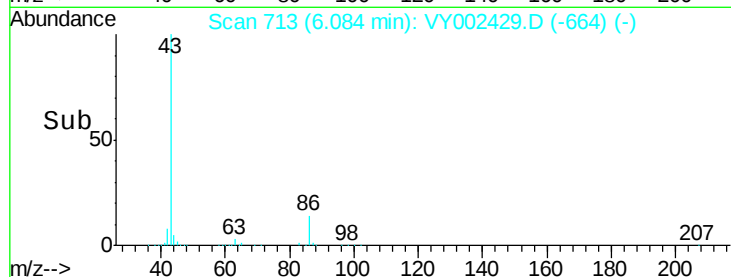
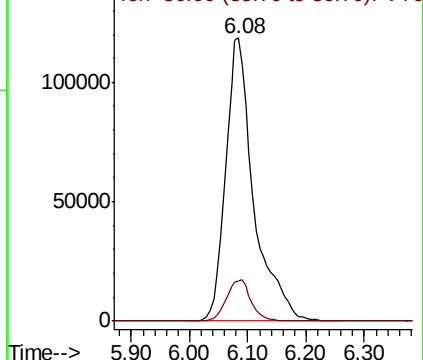
43 100

86 14.4 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.572 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

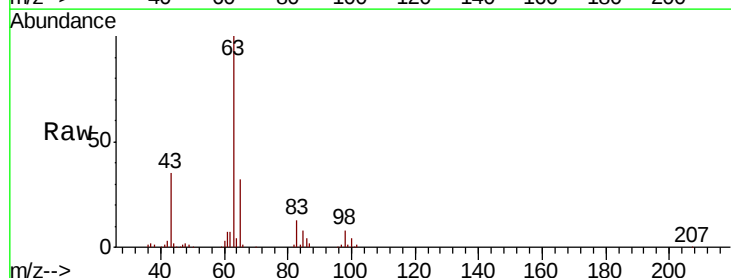
Tgt Ion: 63 Resp: 80930

Ion Ratio Lower Upper

63 100

98 8.4 4.5 13.4

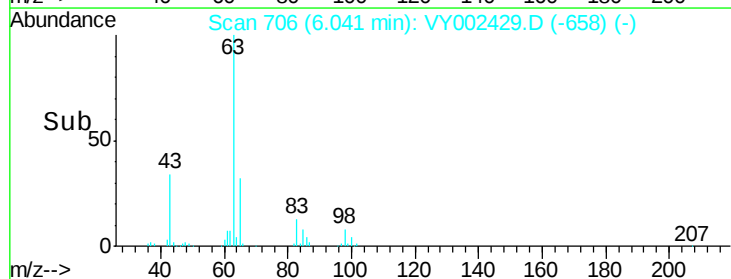
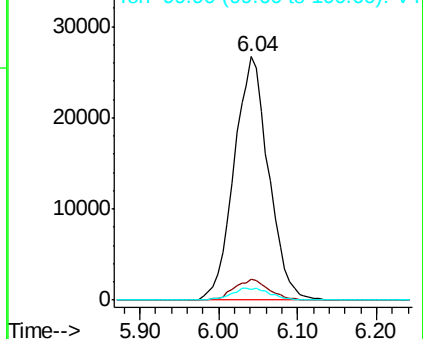
100 4.4 2.6 8.0

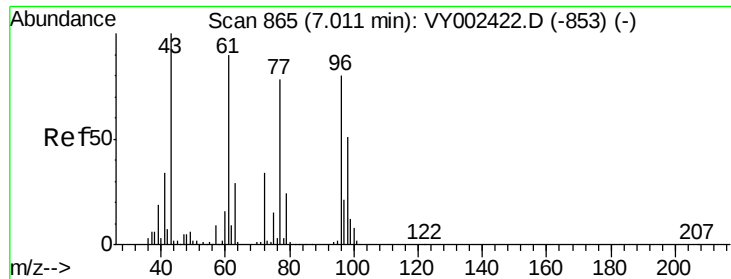


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 97.742 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

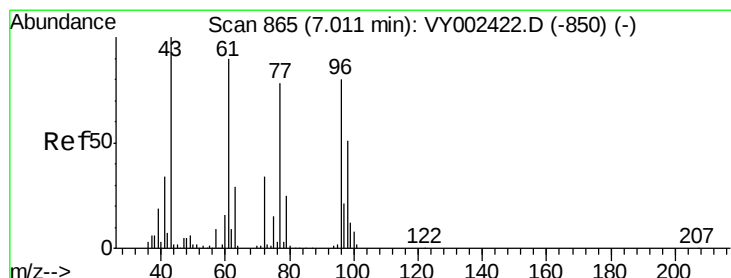
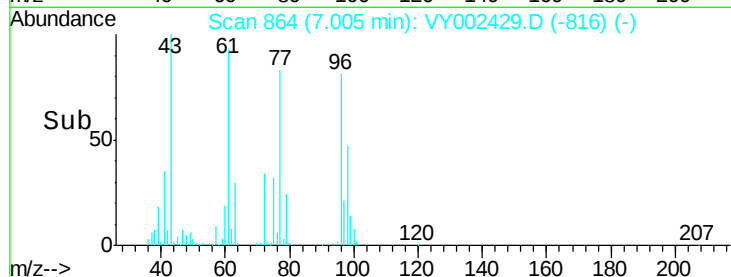
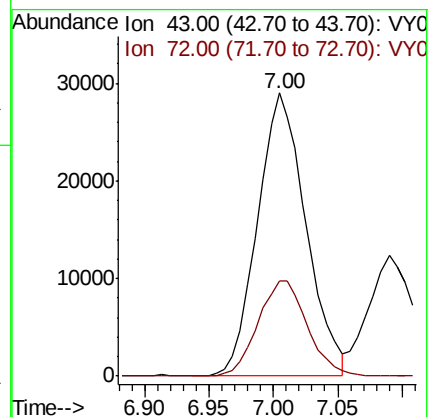
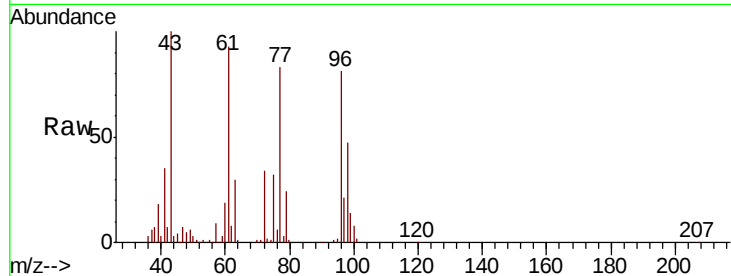
ClientSampled :

Tot Ion: 43 Resp: 75408

Ion Ratio Lower Upper

43 100

72 33.8 27.0 40.6



#26

2,2-Dichloropropane

Concen: 19.479 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002429.D

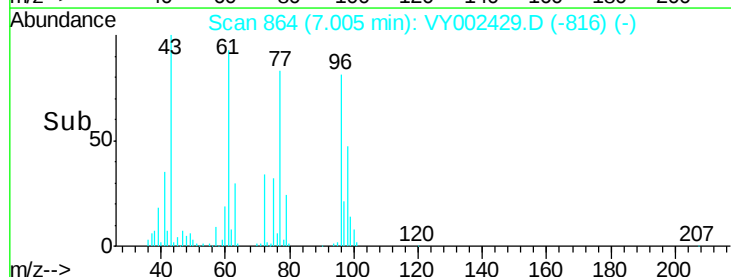
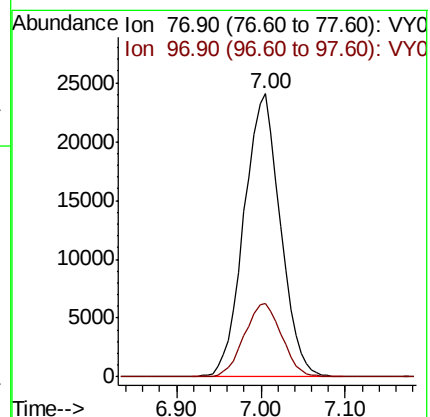
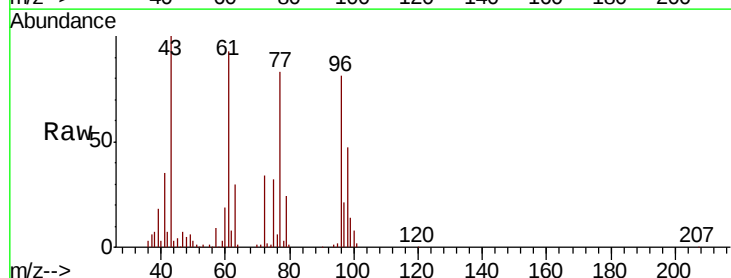
Acq: 21 Apr 2020 13:50

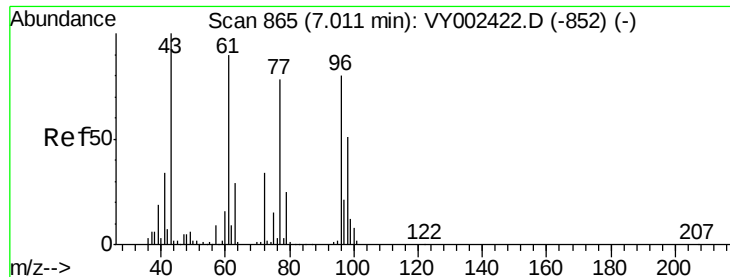
Tgt Ion: 77 Resp: 70510

Ion Ratio Lower Upper

77 100

97 26.8 13.5 40.5



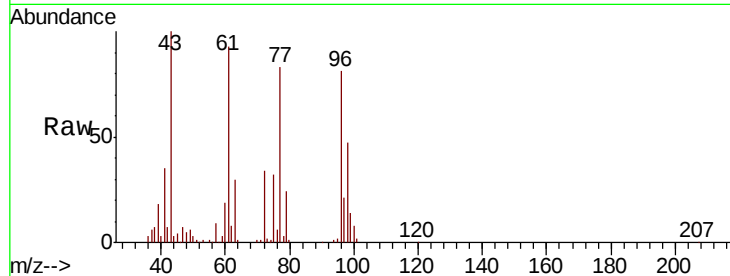


#27

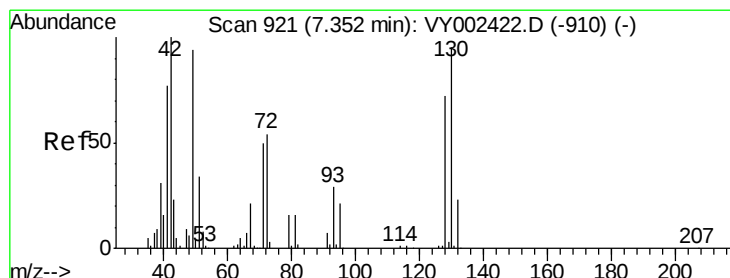
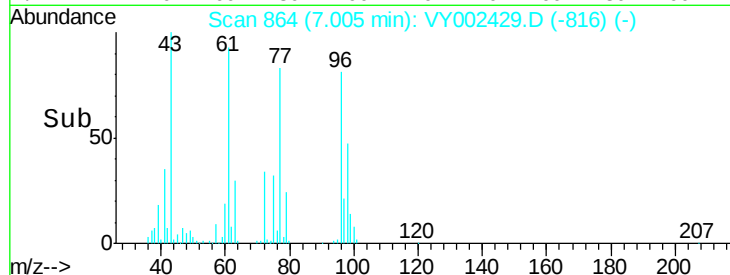
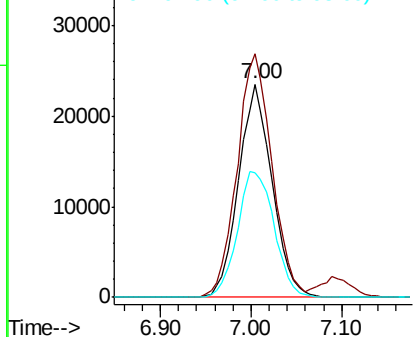
cis-1,2-Dichloroethene
 Concen: 19.519 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 60577
 Ion Ratio Lower Upper
 96 100
 61 118.7 0.0 236.2
 98 64.5 0.0 130.2



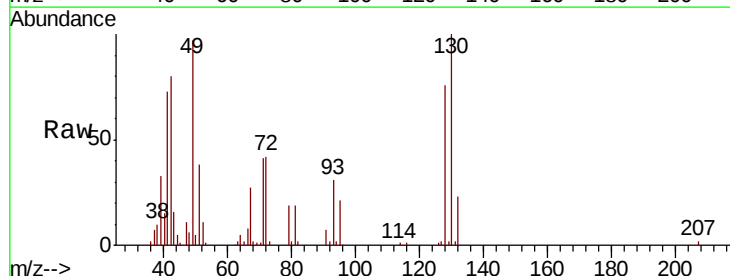
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



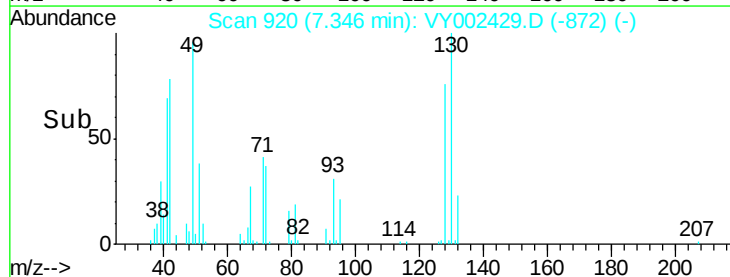
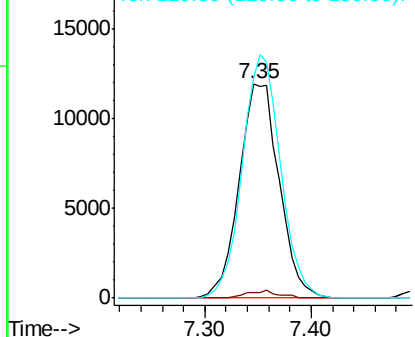
#28

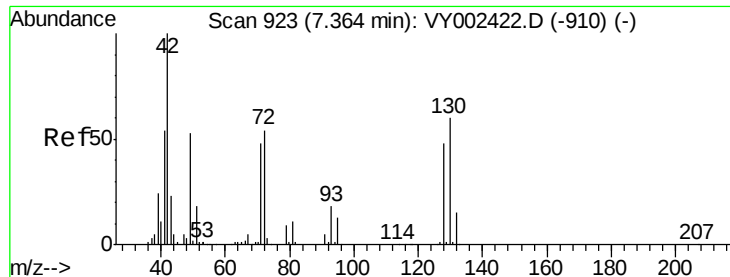
Bromochloromethane
 Concen: 20.023 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Tgt Ion: 49 Resp: 31549
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 6.0
 130 108.5 84.1 126.1



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): VY0
 Ion 129.80 (129.50 to 130.50): VY0

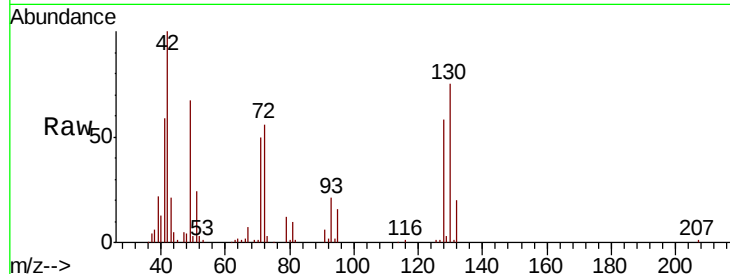




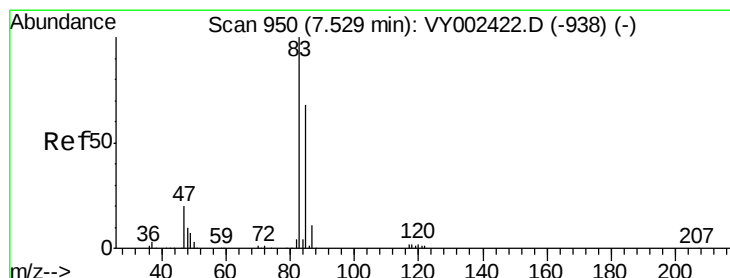
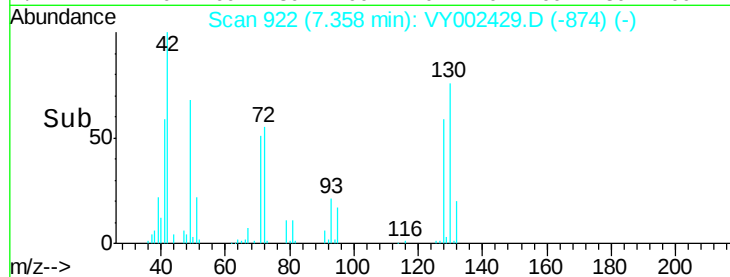
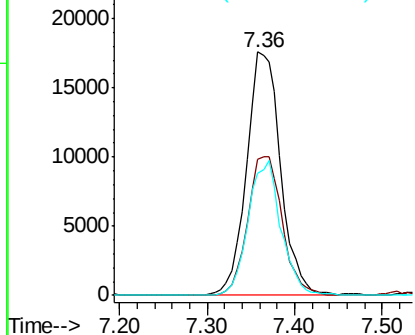
#29
Tetrahydrofuran
Concen: 96.226 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 47614
Ion Ratio Lower Upper
42 100
72 57.7 44.6 67.0
71 53.2 40.6 60.8

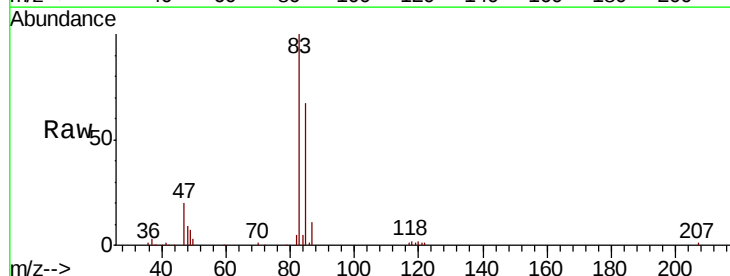


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

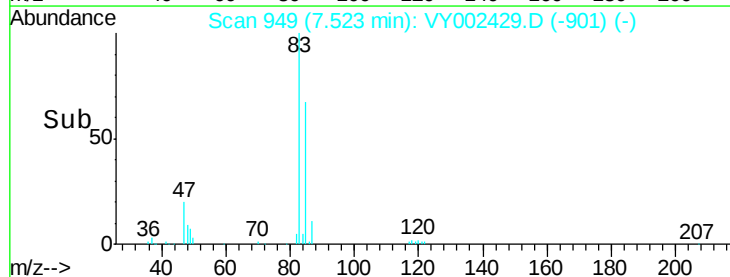
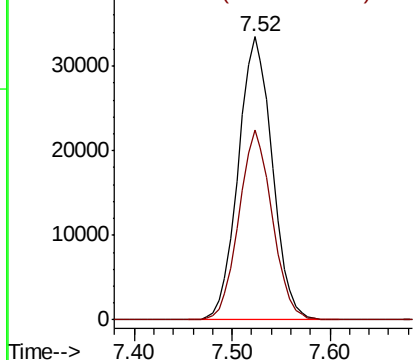


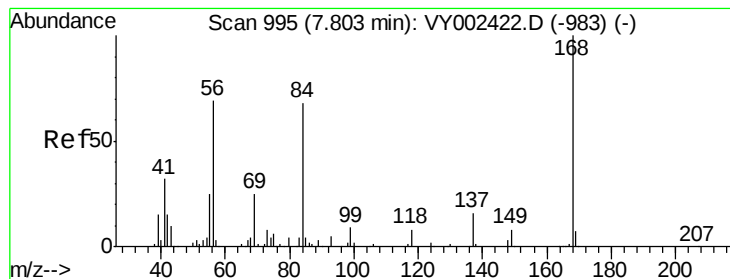
#30
Chloroform
Concen: 18.953 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion: 83 Resp: 80878
Ion Ratio Lower Upper
83 100
85 67.1 54.3 81.5



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 18.875 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :

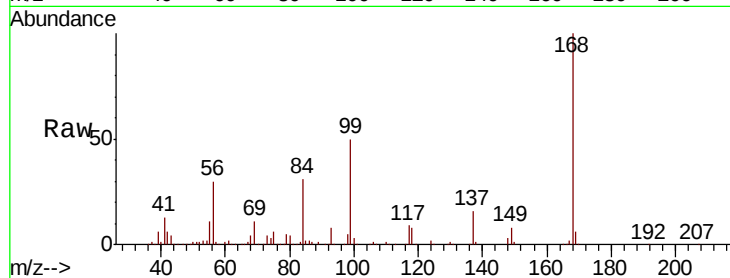
Tot Ion: 56 Resp: 79108

Ion Ratio Lower Upper

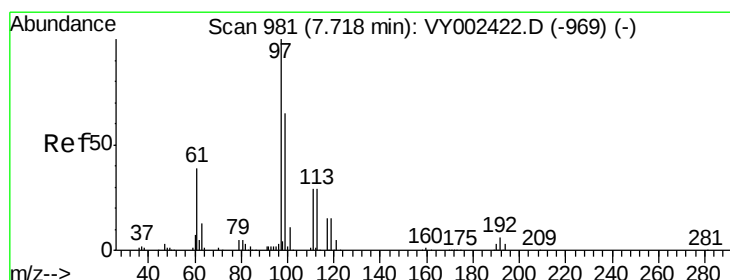
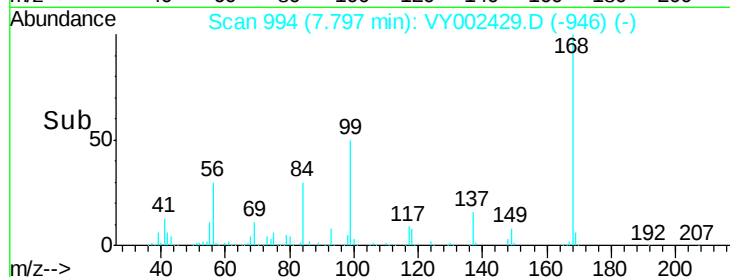
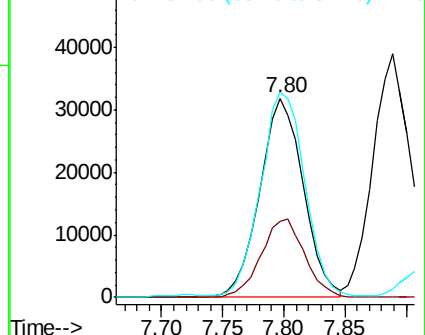
56 100

69 38.2 29.1 43.7

84 102.0 79.4 119.2



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.529 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

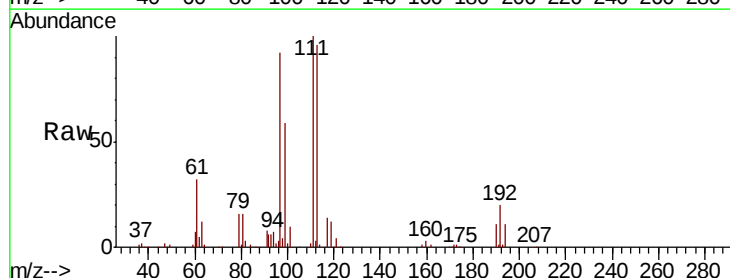
Tgt Ion: 97 Resp: 73602

Ion Ratio Lower Upper

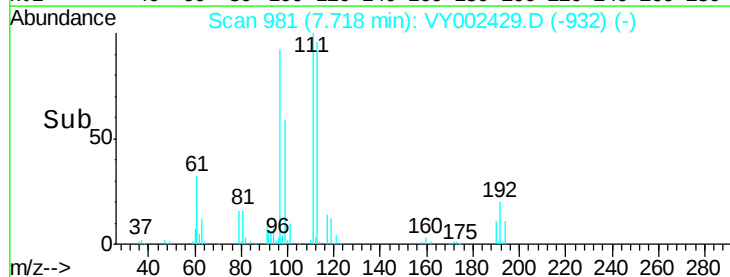
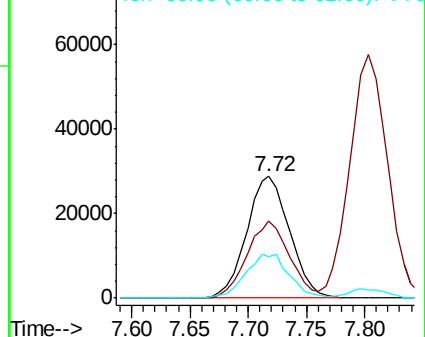
97 100

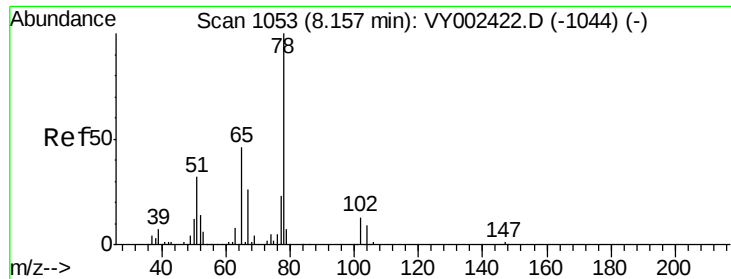
99 63.3 51.9 77.9

61 36.9 30.8 46.2



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 50.880 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

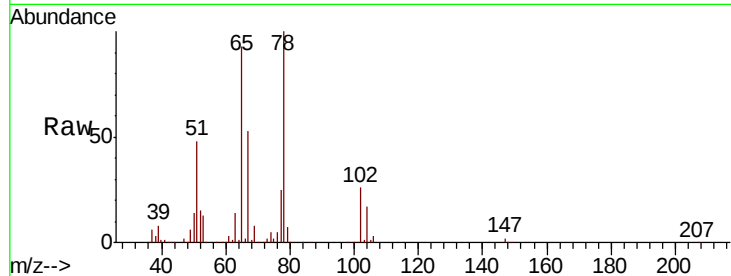
ClientSampleId :

Tot Ion: 65 Resp: 103050

Ion Ratio Lower Upper

65 100

67 56.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

50000

40000

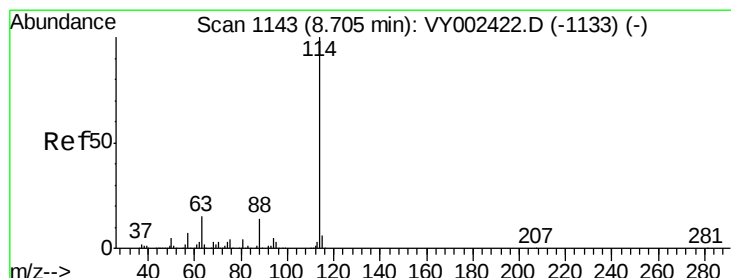
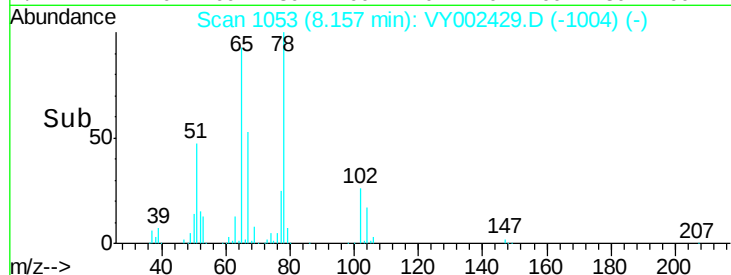
30000

20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

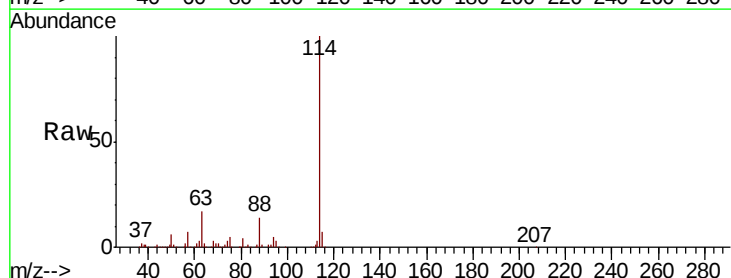
Tgt Ion: 114 Resp: 424714

Ion Ratio Lower Upper

114 100

63 16.7 0.0 31.0

88 14.3 0.0 28.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

300000

250000

200000

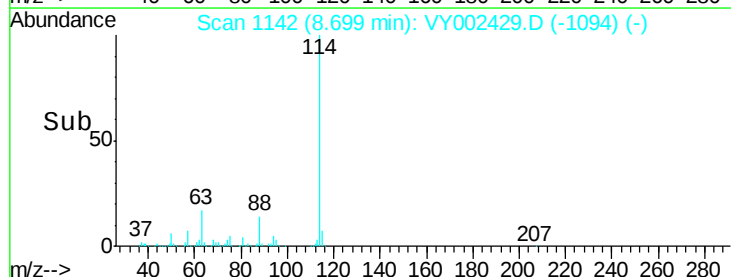
150000

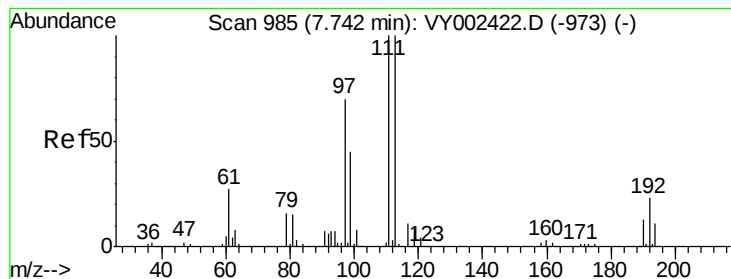
100000

50000

0

Time--> 8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 51.957 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

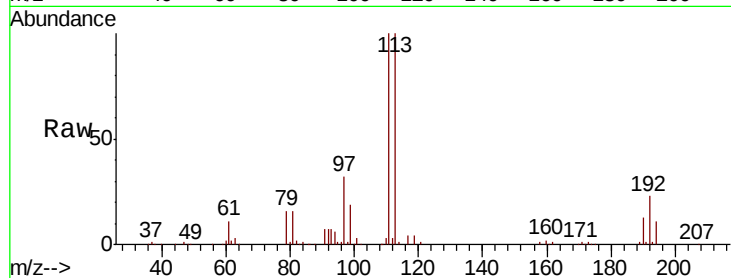
Tot Ion:113 Resp: 116068

Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

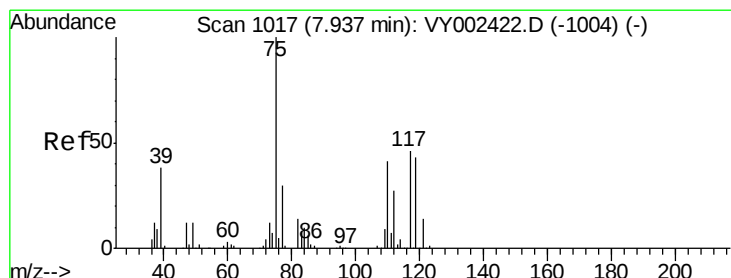
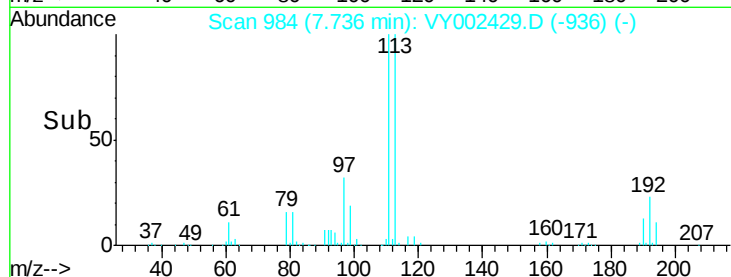
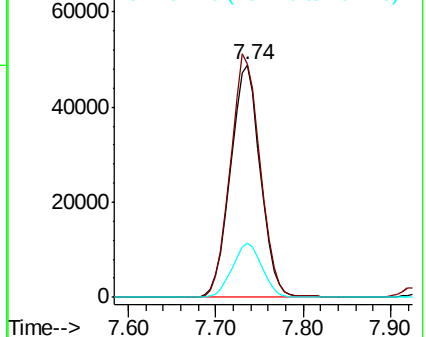
192 23.2 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.282 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

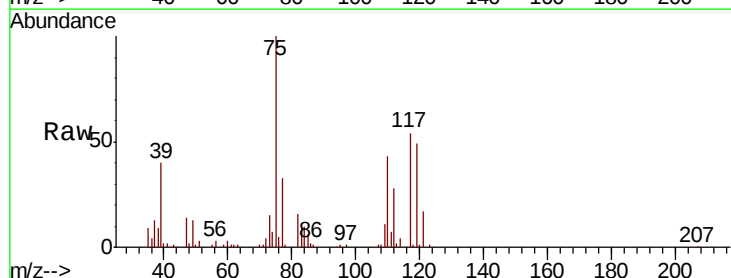
Tgt Ion: 75 Resp: 65896

Ion Ratio Lower Upper

75 100

110 41.7 20.4 61.2

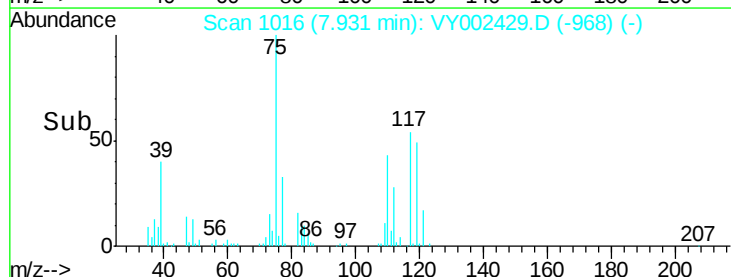
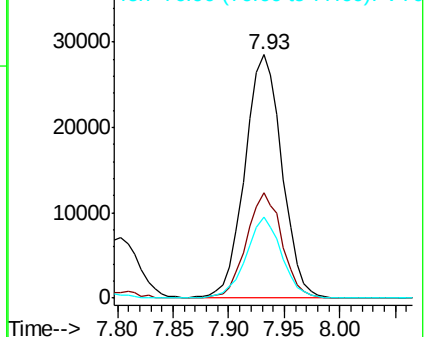
77 31.9 25.5 38.3

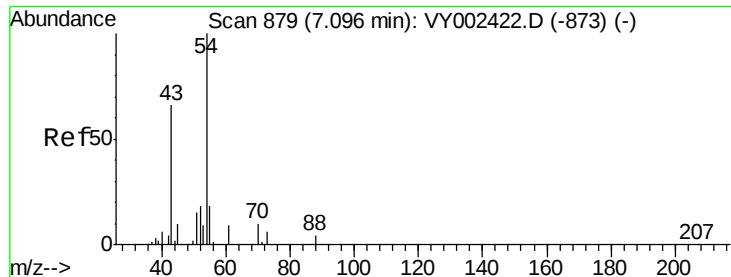


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

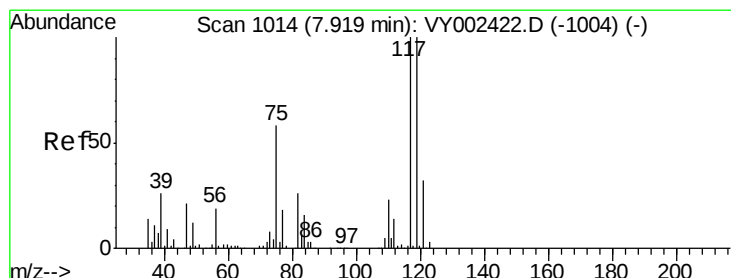
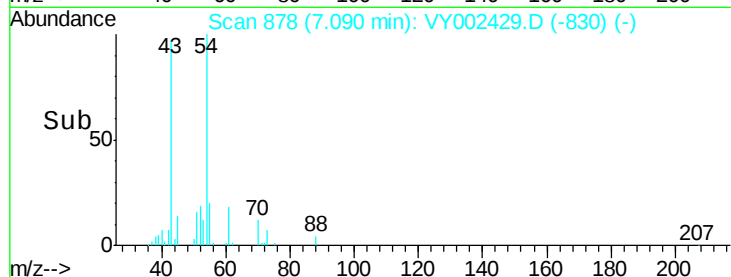
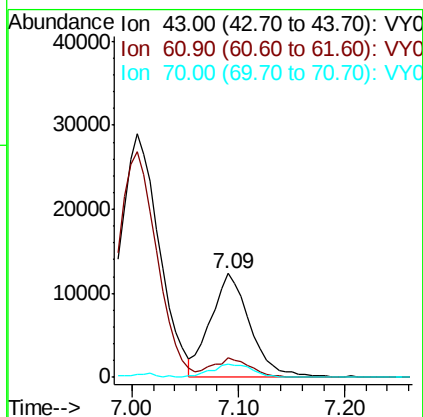
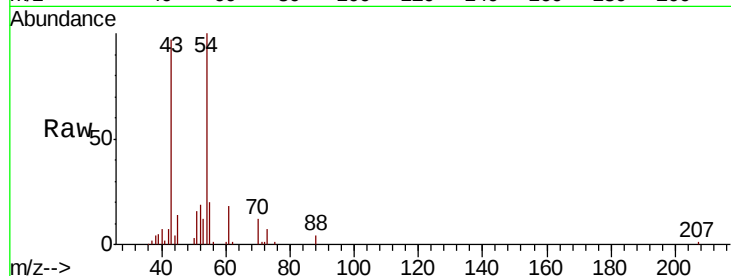




#37
Ethyl Acetate
Concen: 19.661 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

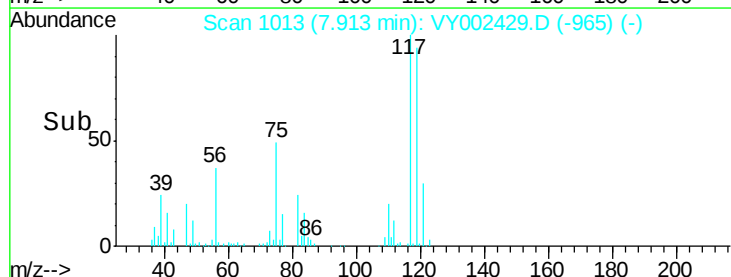
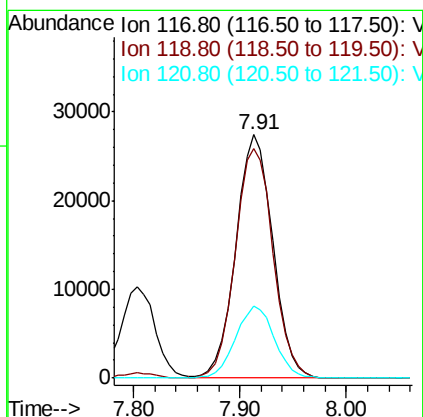
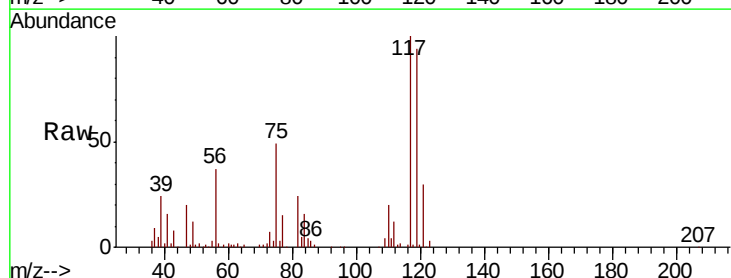
Instrument :
MSVOA_Y
ClientSampleId :

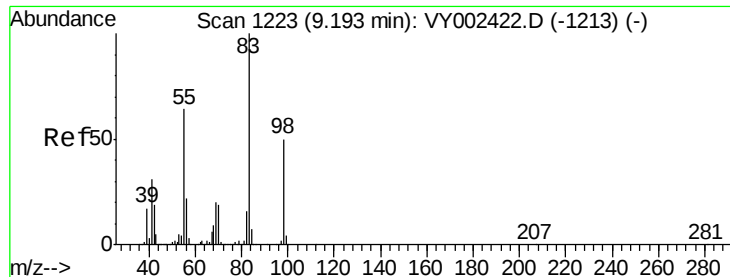
Tot Ion: 43 Resp: 31420
Ion Ratio Lower Upper
43 100
61 18.1 13.5 20.3
70 13.4 10.6 16.0



#38
Carbon Tetrachloride
Concen: 19.449 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion: 117 Resp: 66948
Ion Ratio Lower Upper
117 100
119 94.1 79.6 119.4
121 29.8 25.4 38.2

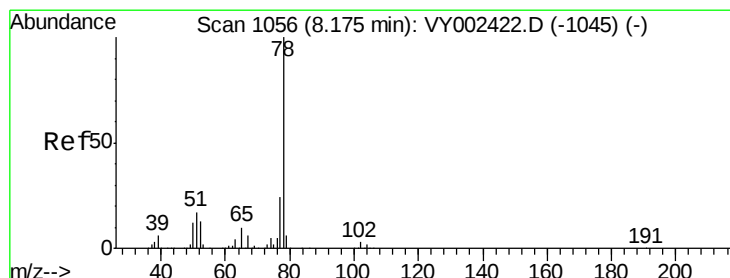
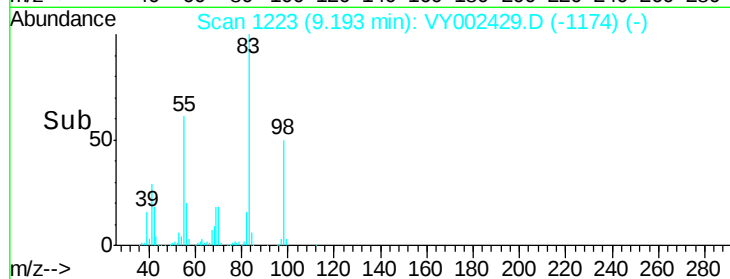
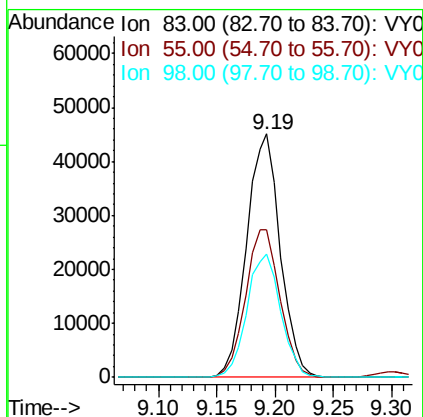
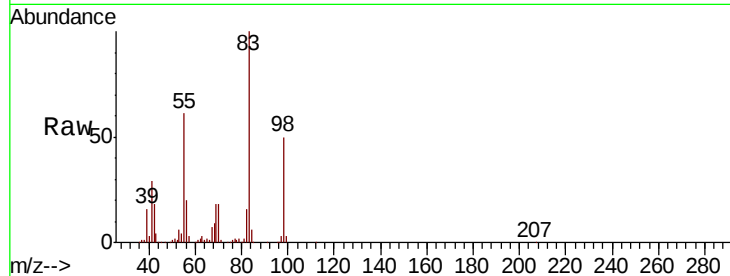




#39
Methvlcvclohexane
Concen: 19.191 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

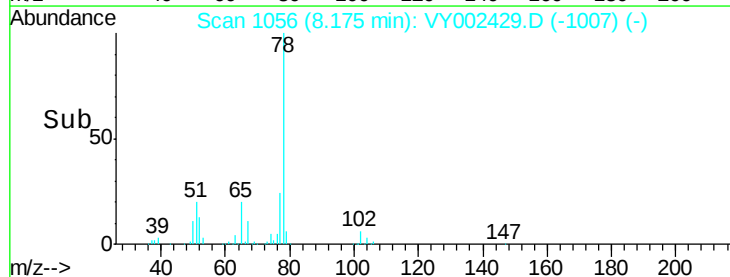
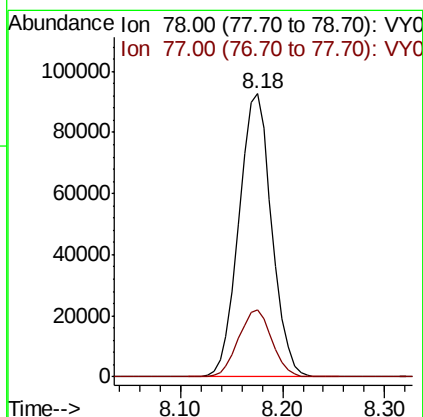
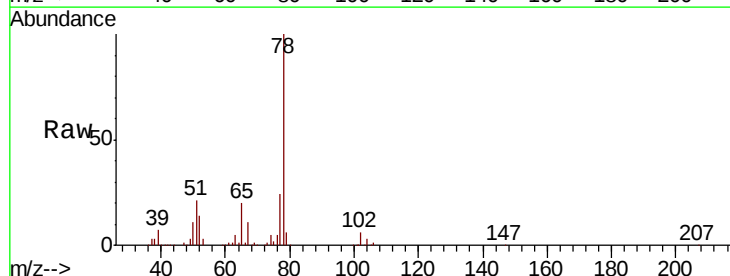
Instrument :
MSVOA_Y
ClientSampleId :

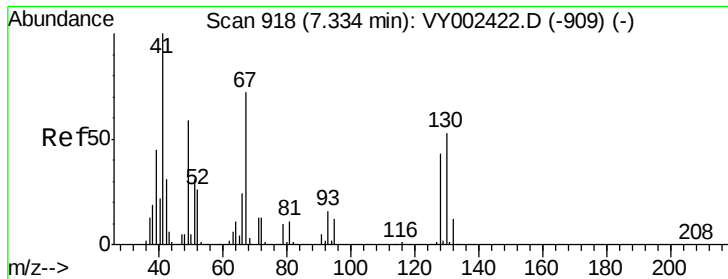
Tot Ion: 83 Resp: 90548
Ion Ratio Lower Upper
83 100
55 60.8 51.2 76.8
98 50.5 39.8 59.6



#40
Benzene
Concen: 19.663 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion: 78 Resp: 206819
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

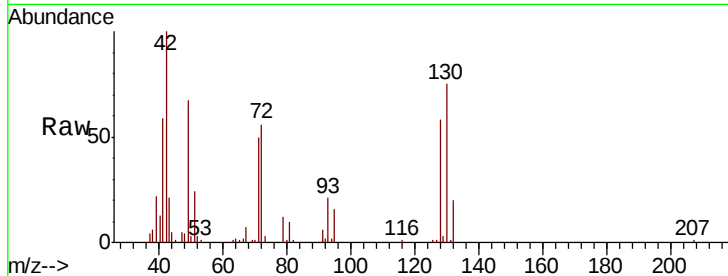




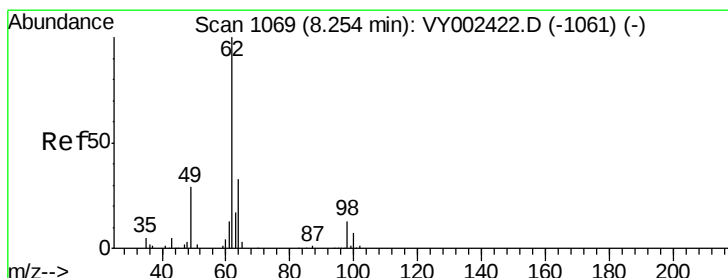
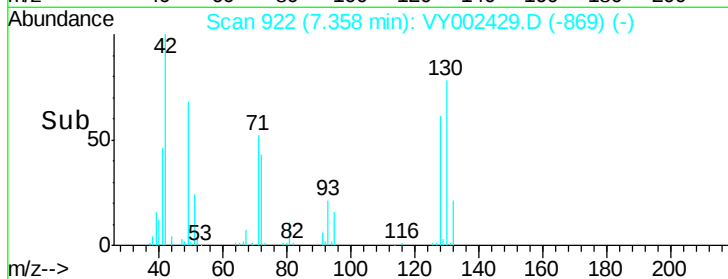
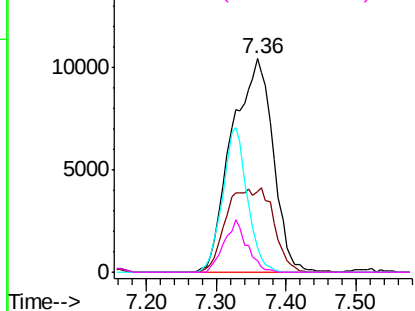
#41
Methacrylonitrile
Concen: 50.438 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 42927
Ion Ratio Lower Upper
41 100
39 26.4 99.0 148.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

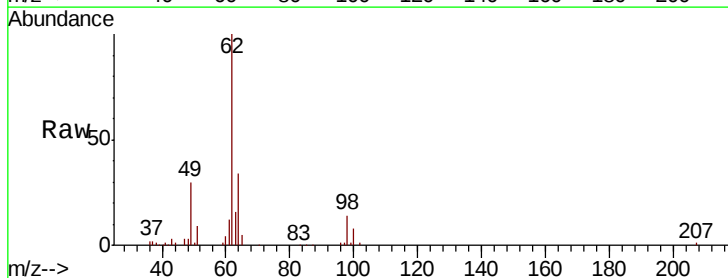


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

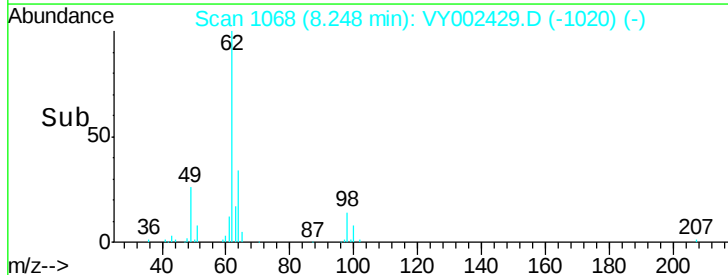
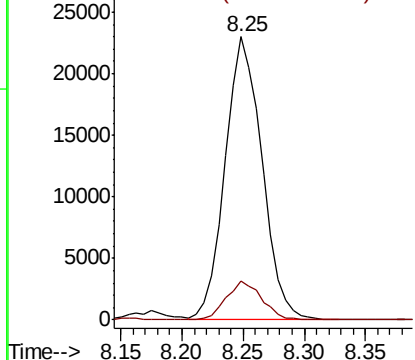


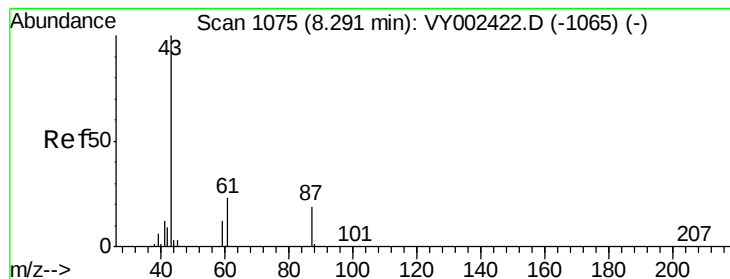
#42
1,2-Dichloroethane
Concen: 19.391 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion: 62 Resp: 48052
Ion Ratio Lower Upper
62 100
98 13.1 0.0 25.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.164 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

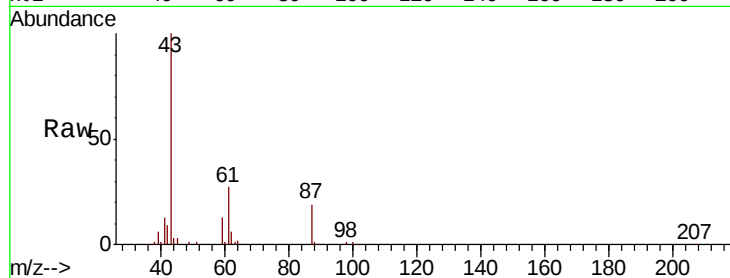
Tot Ion: 43 Resp: 57429

Ion Ratio Lower Upper

43 100

61 34.8 27.7 41.5

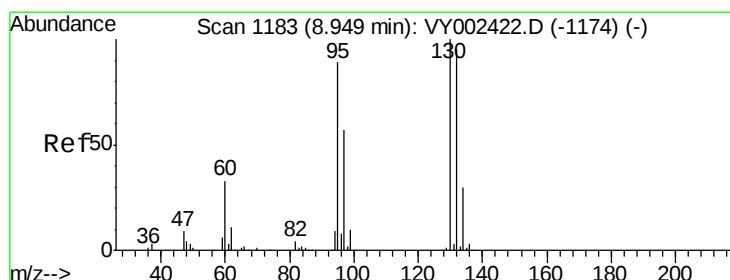
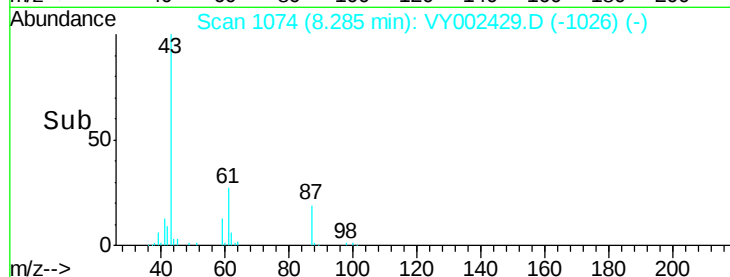
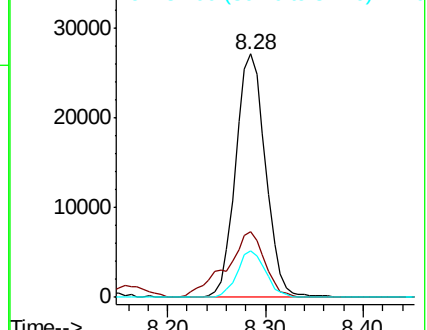
87 18.2 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VY002429.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY002429.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY002429.D (-1074) (-)



#44

Trichloroethene

Concen: 20.098 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY002429.D

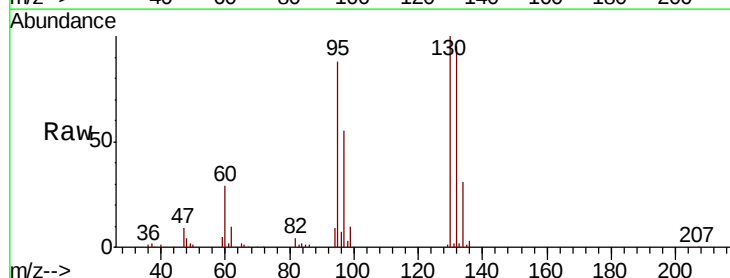
Acq: 21 Apr 2020 13:50

Tgt Ion:130 Resp: 70674

Ion Ratio Lower Upper

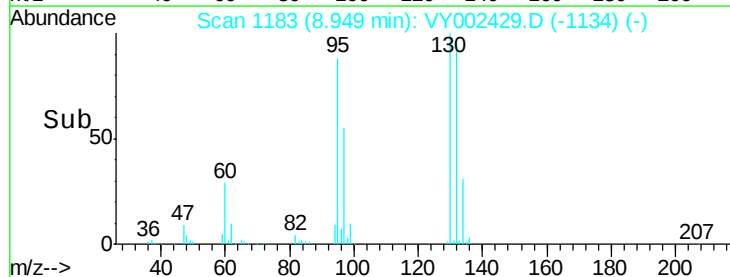
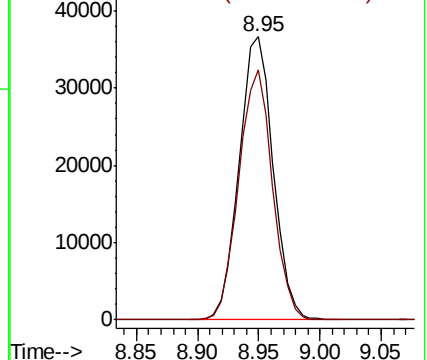
130 100

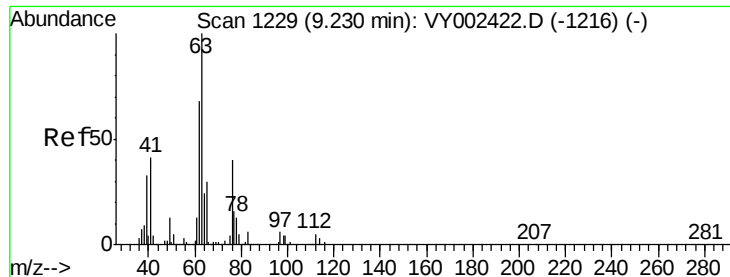
95 88.4 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VY002429.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY002429.D (-1183) (-)

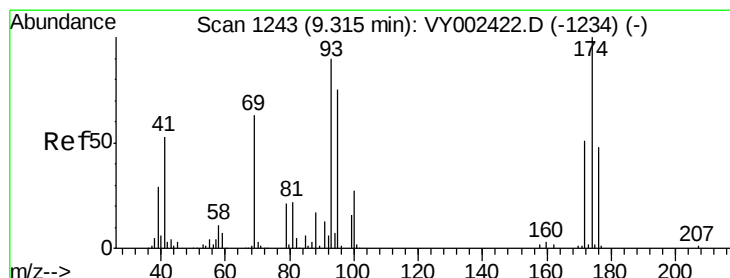
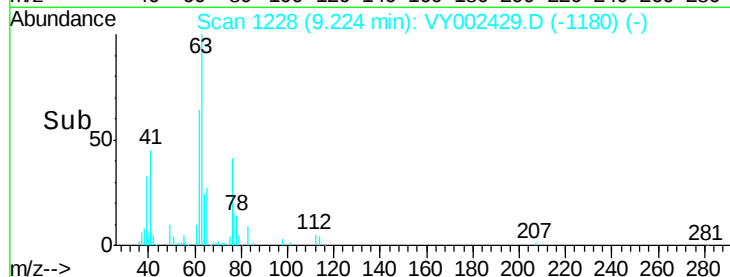
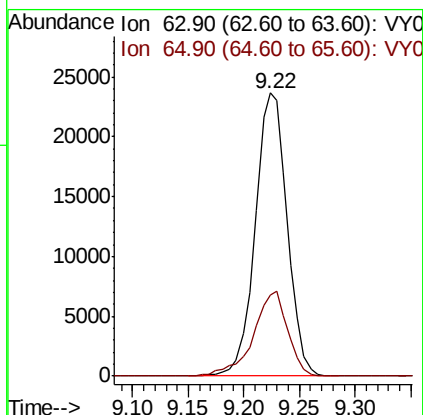
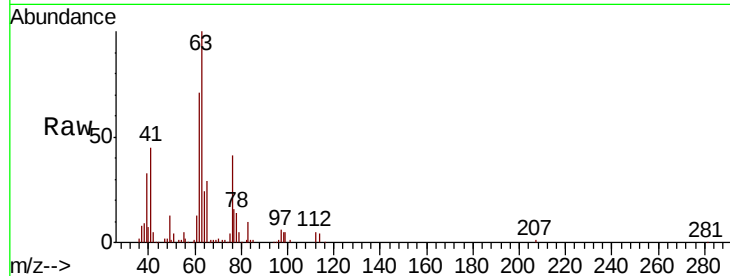




#45
 1,2-Dichloropropane
 Concen: 19.627 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

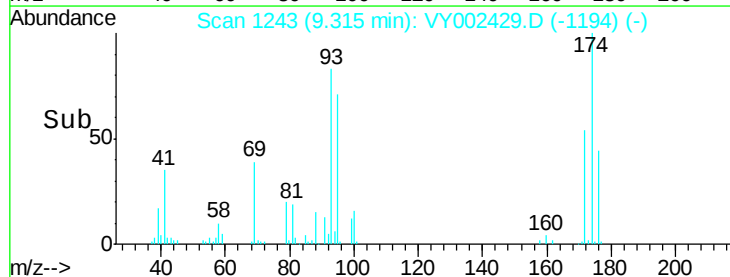
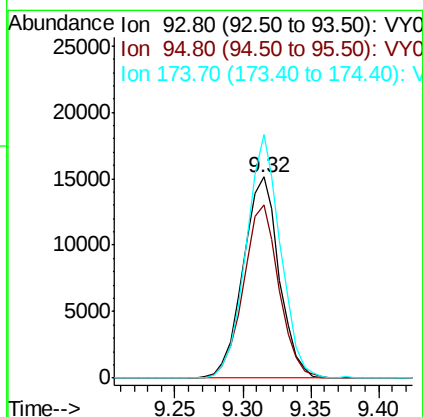
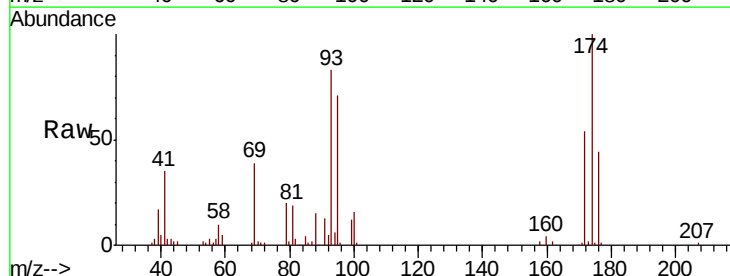
Instrument :
 MSVOA_Y
 ClientSampled :

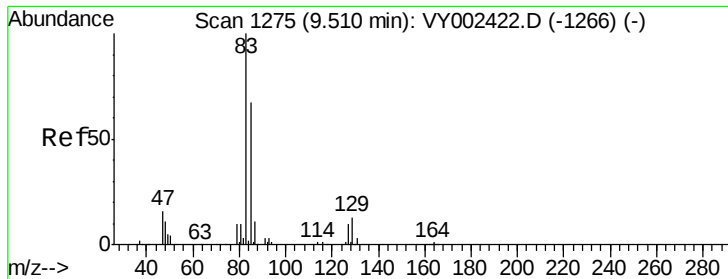
Tot Ion: 63 Resp: 47154
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.2 36.2



#46
 Dibromomethane
 Concen: 19.972 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Tgt Ion: 93 Resp: 28004
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.5 101.3
 174 115.5 94.5 141.7





#47

Bromodichloromethane

Concen: 19.402 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :

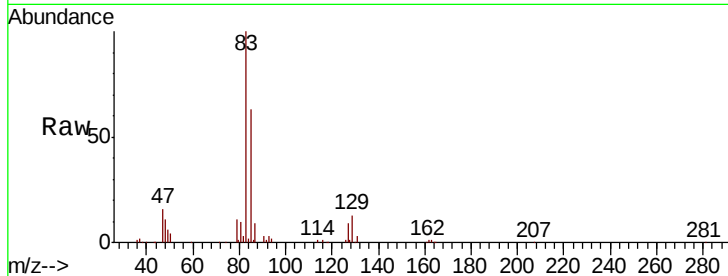
Tot Ion: 83 Resp: 61721

Ion Ratio Lower Upper

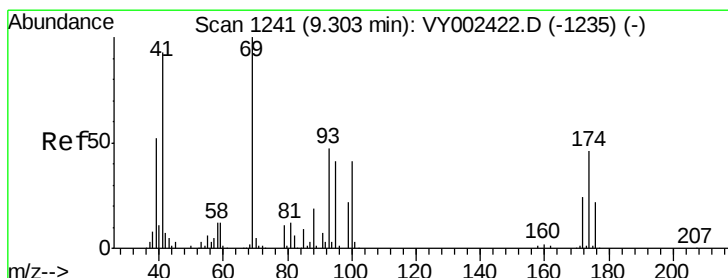
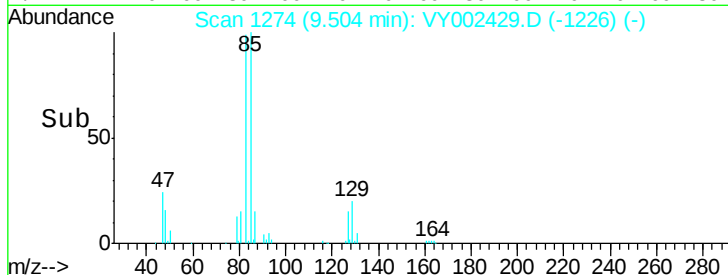
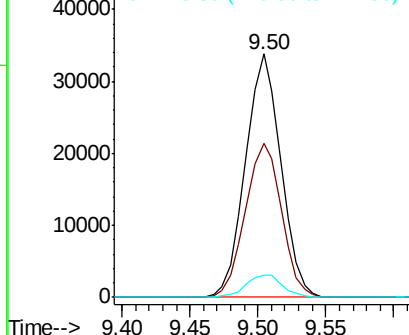
83 100

85 63.4 53.4 80.2

127 9.1 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.756 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

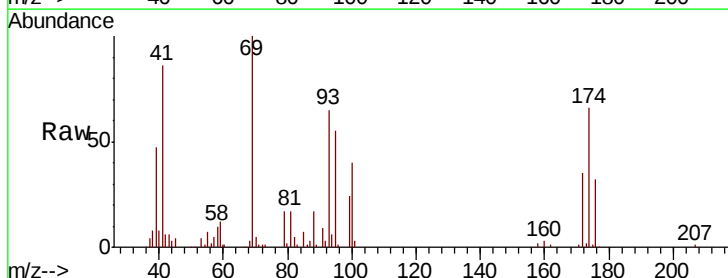
Tgt Ion: 41 Resp: 25096

Ion Ratio Lower Upper

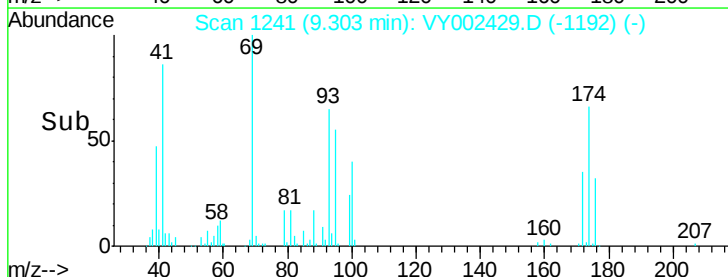
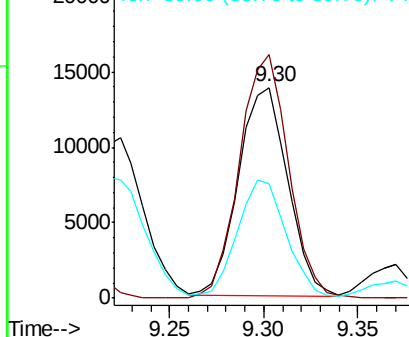
41 100

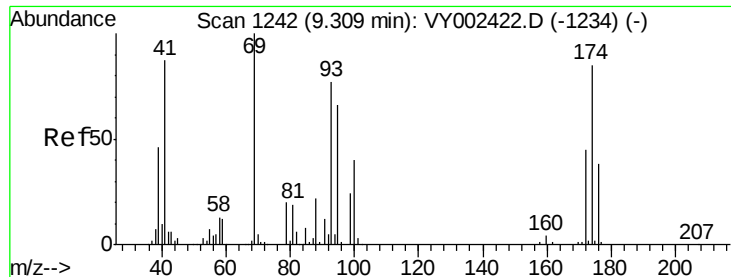
69 116.1 87.9 131.9

39 57.0 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

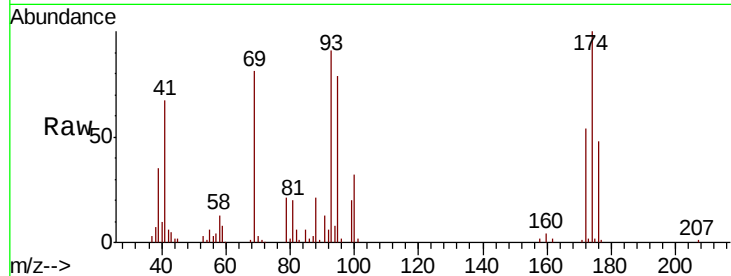




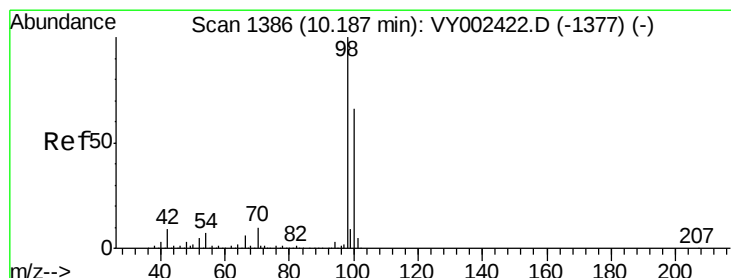
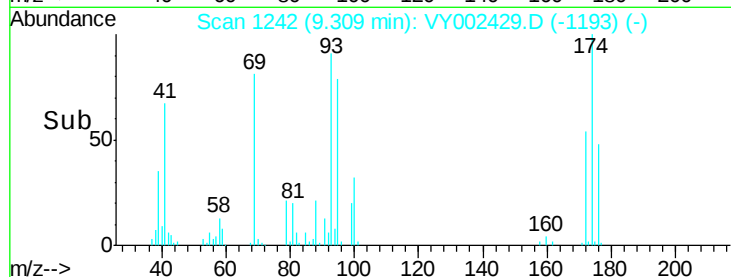
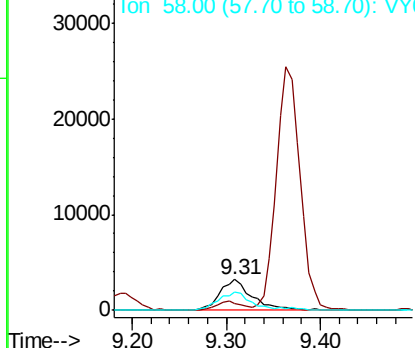
#49
1,4-Dioxane
Concen: 379.547 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 7846
Ion Ratio Lower Upper
88 100
43 23.4 19.0 28.6
58 57.3 44.8 67.2

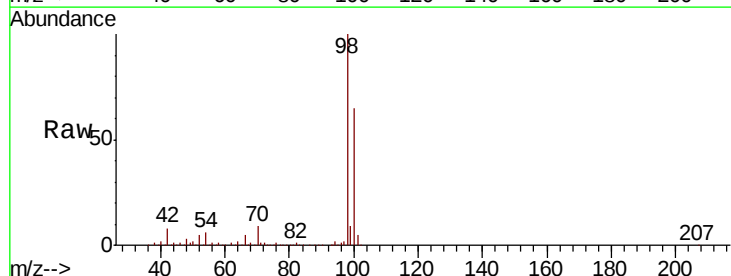


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

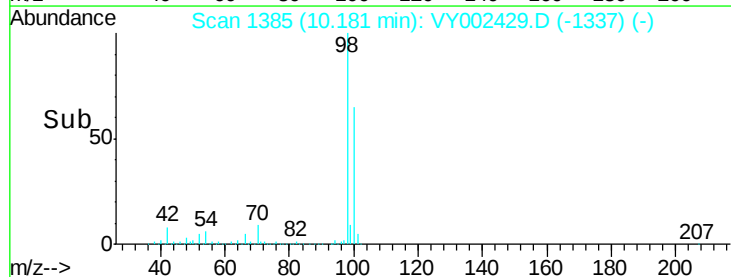
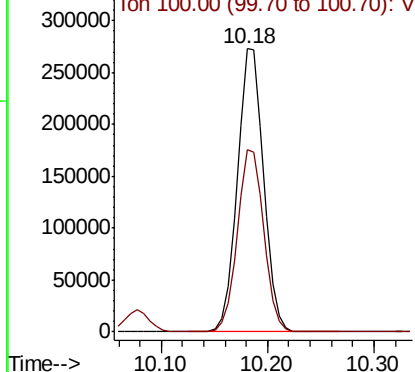


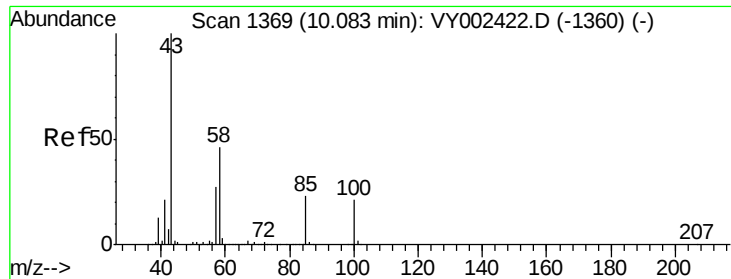
#50
Toluene-d8
Concen: 52.246 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion: 98 Resp: 472056
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 101.299 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

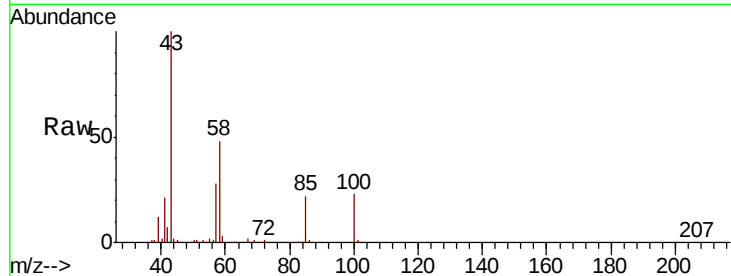
ClientSampleId :

Tot Ion: 43 Resp: 157666

Ion Ratio Lower Upper

43 100

58 46.6 36.8 55.2



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-1360) (-)

10.08

80000

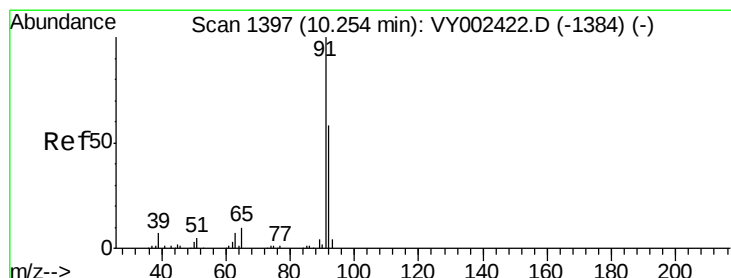
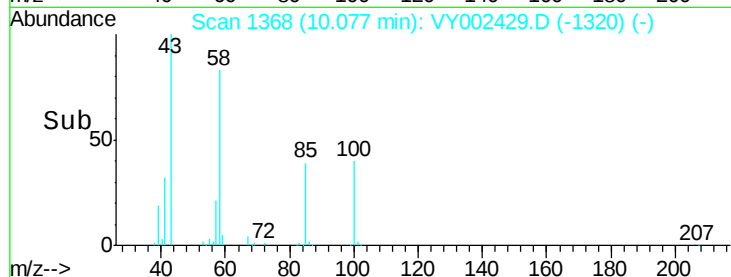
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 19.513 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002429.D

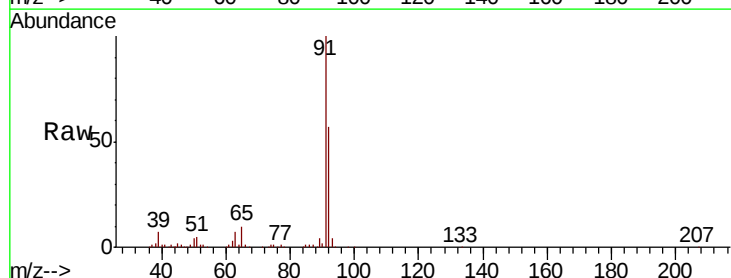
Acq: 21 Apr 2020 13:50

Tgt Ion: 92 Resp: 129888

Ion Ratio Lower Upper

92 100

91 176.9 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002422.D (-1384) (-)

Ion 91.00 (90.70 to 91.70): VY002422.D (-1384) (-)

10.25

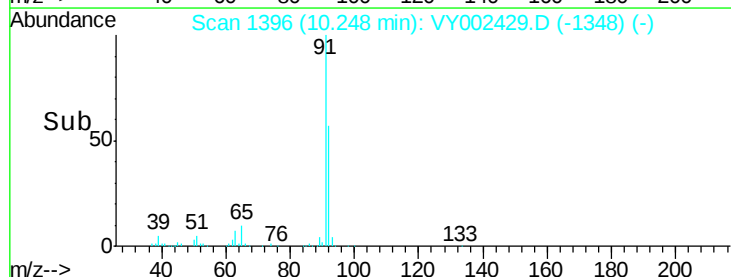
150000

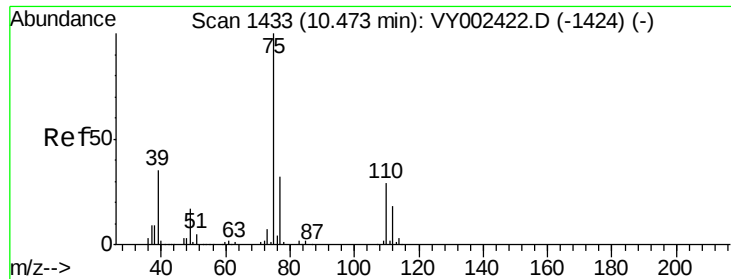
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.474 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

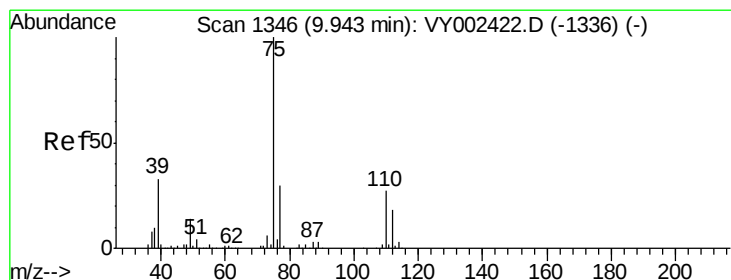
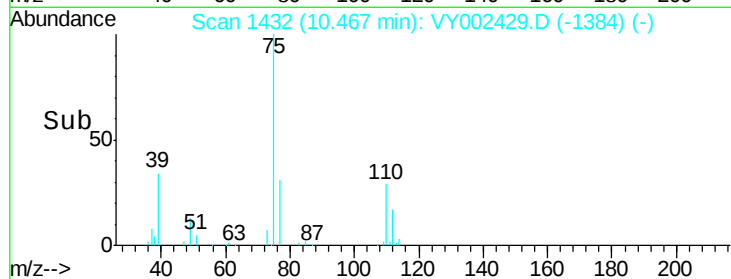
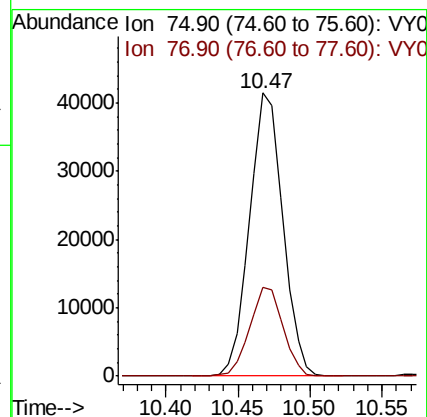
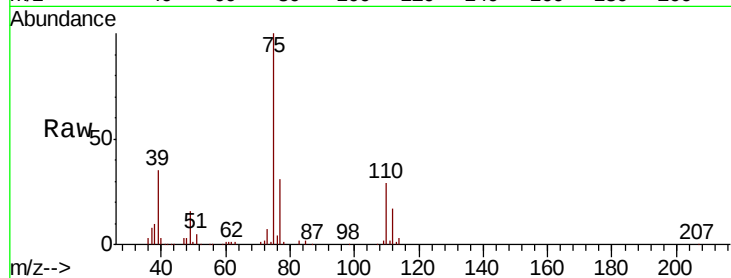
ClientSampleId :

Tot Ion: 75 Resp: 66260

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.888 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

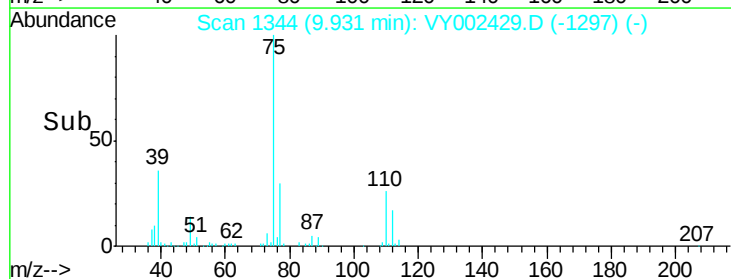
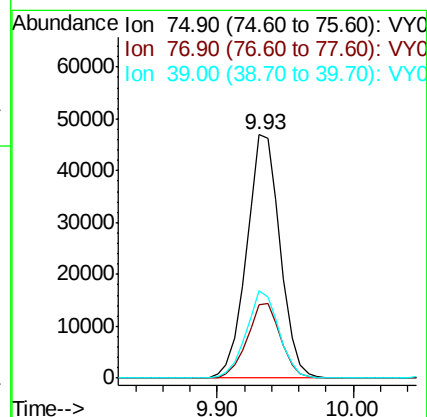
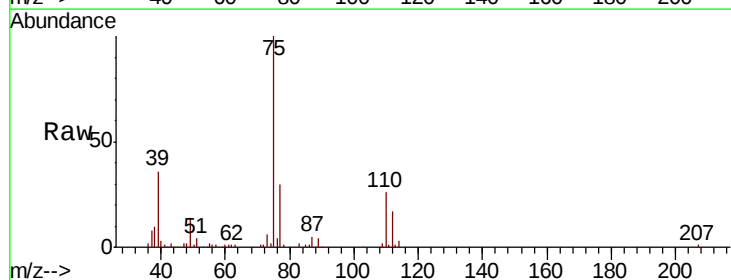
Tgt Ion: 75 Resp: 80480

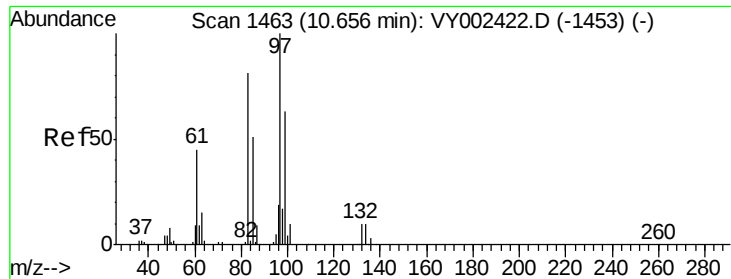
Ion Ratio Lower Upper

75 100

77 30.2 24.2 36.4

39 36.0 26.6 40.0

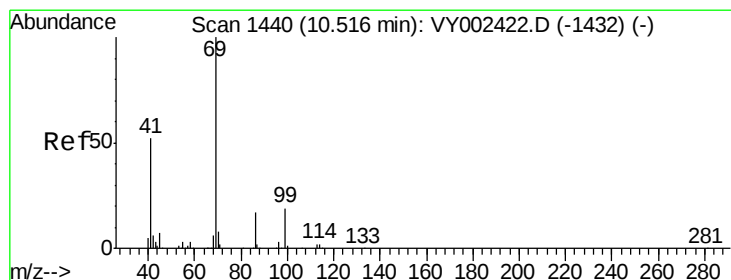
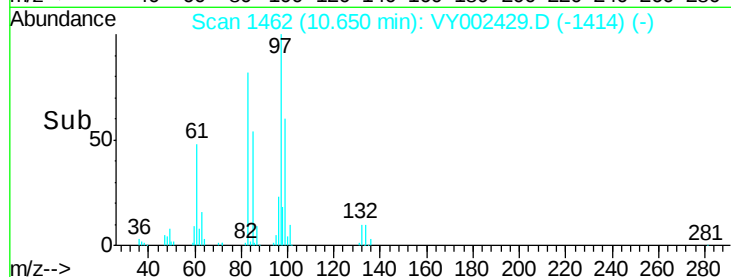
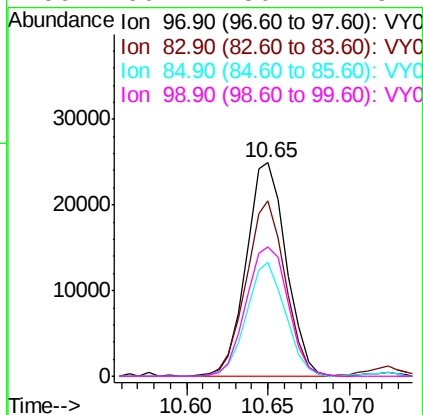
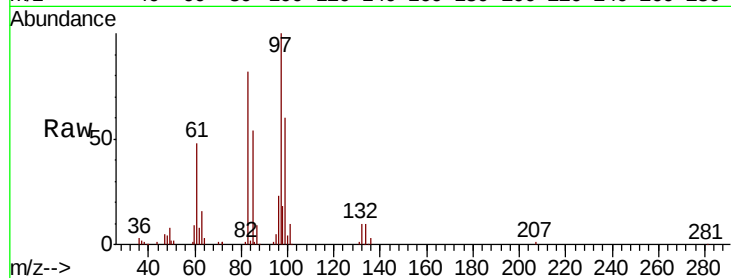




#55
 1,1,2-Trichloroethane
 Concen: 20.137 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

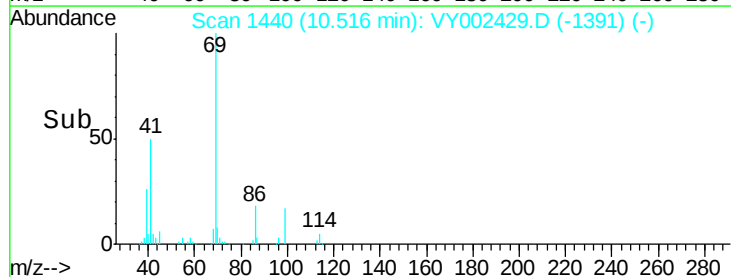
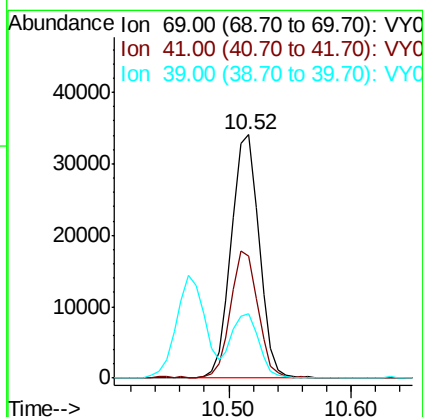
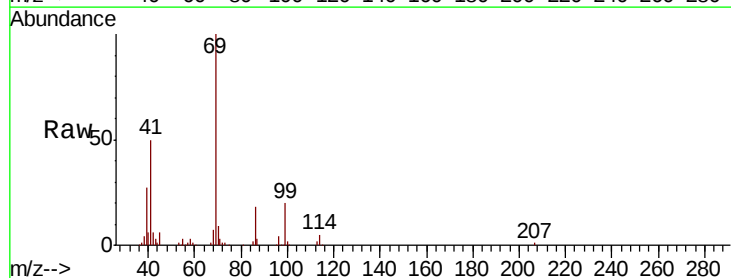
Instrument :
 MSVOA_Y
 ClientSampleId :

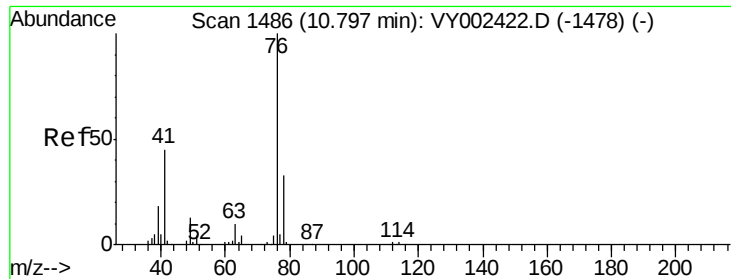
Tot Ion:	97	Resp:	42350
Ion	Ratio	Lower	Upper
97	100		
83	82.0	64.6	96.8
85	53.5	41.1	61.7
99	60.4	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 19.794 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Tgt Ion:	69	Resp:	53620
Ion	Ratio	Lower	Upper
69	100		
41	51.7	42.0	63.0
39	26.8	21.2	31.8

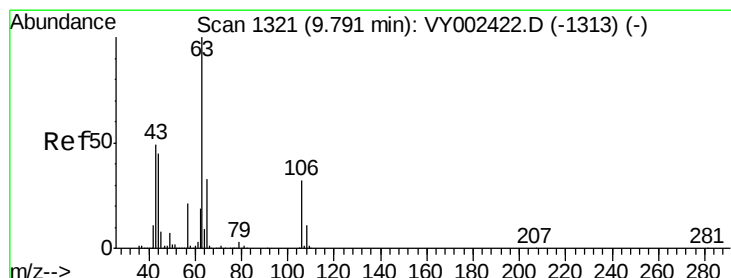
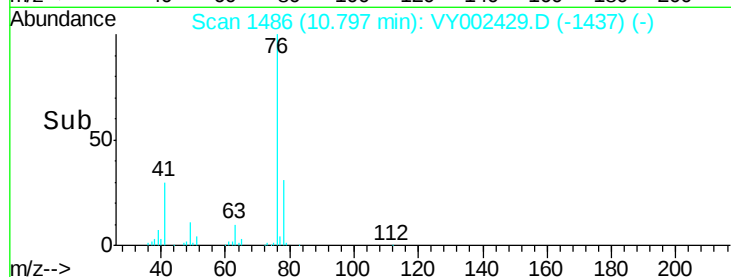
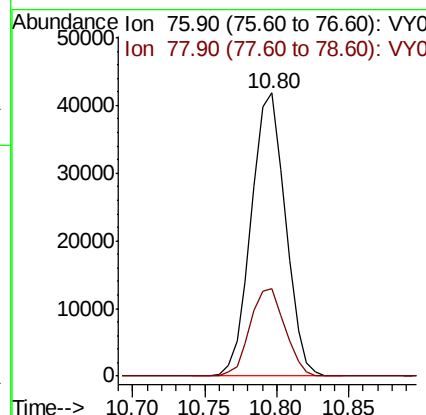
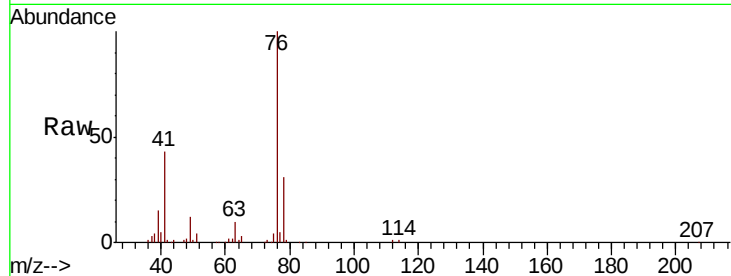




#57
 1,3-Dichloropropane
 Concen: 19.880 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

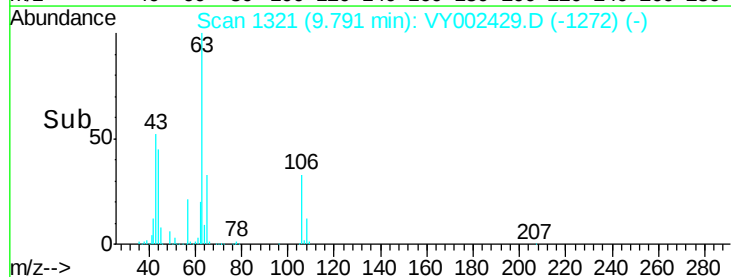
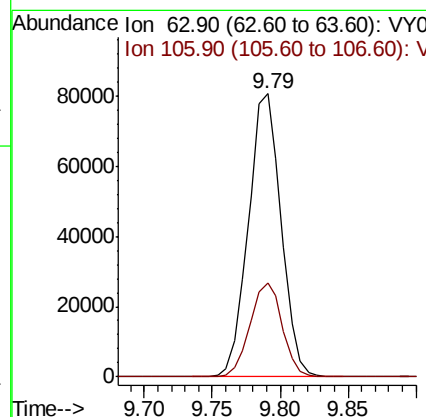
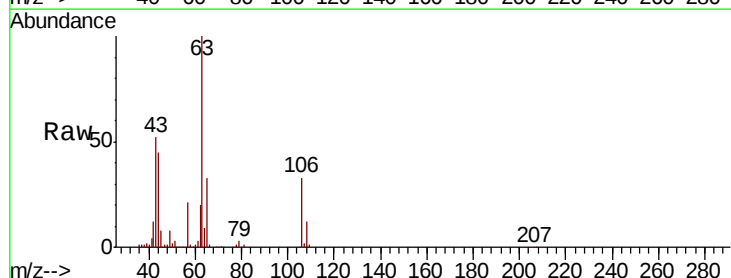
Instrument :
 MSVOA_Y
 ClientSampleId :

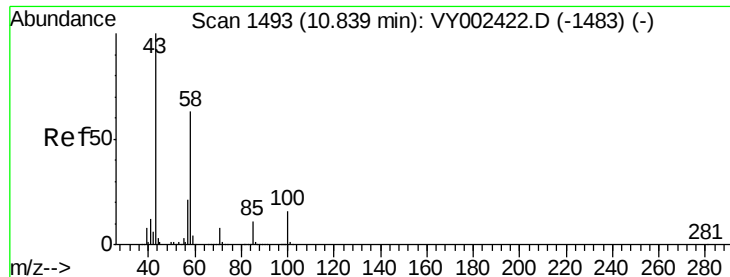
Tot Ion: 76 Resp: 68447
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.265 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Tgt Ion: 63 Resp: 135885
 Ion Ratio Lower Upper
 63 100
 106 32.8 26.2 39.4

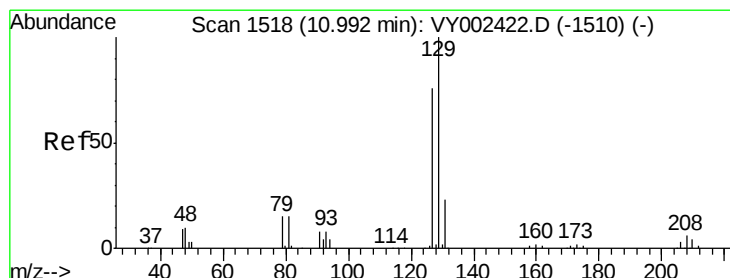
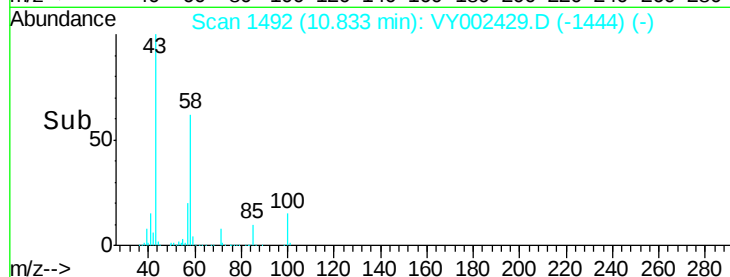
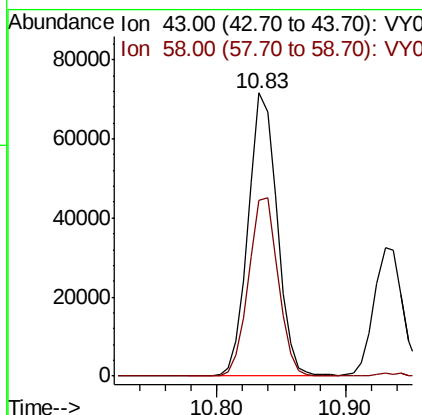
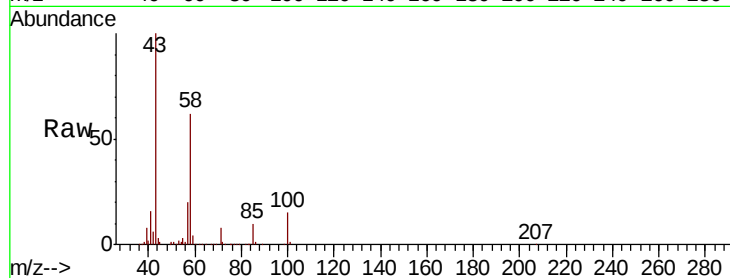




#59
2-Hexanone
Concen: 100.026 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

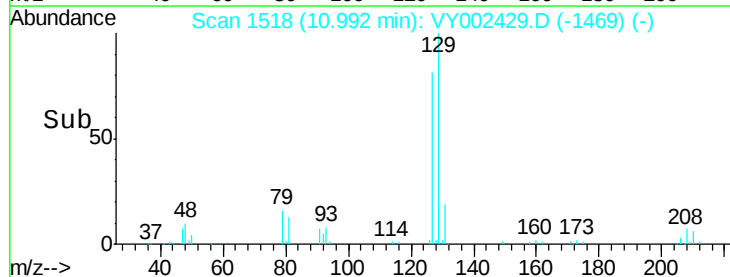
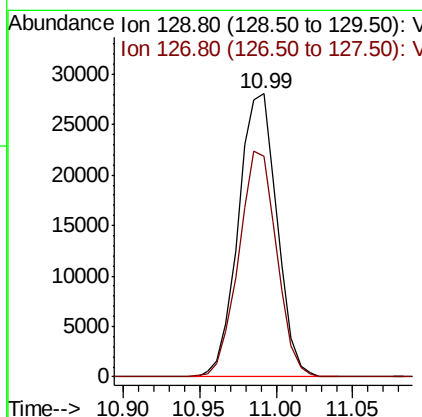
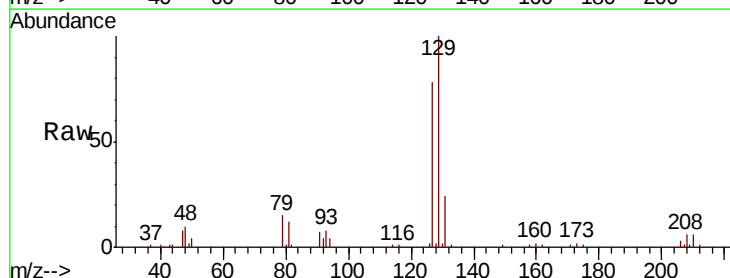
Instrument :
MSVOA_Y
ClientSampleId :

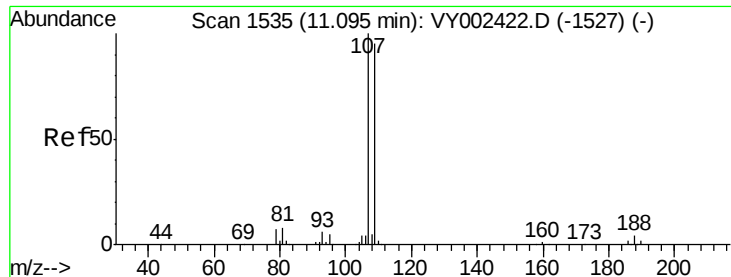
Tot Ion: 43 Resp: 110494
Ion Ratio Lower Upper
43 100
58 64.5 32.5 97.4



#60
Dibromochloromethane
Concen: 19.433 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion: 129 Resp: 49226
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7

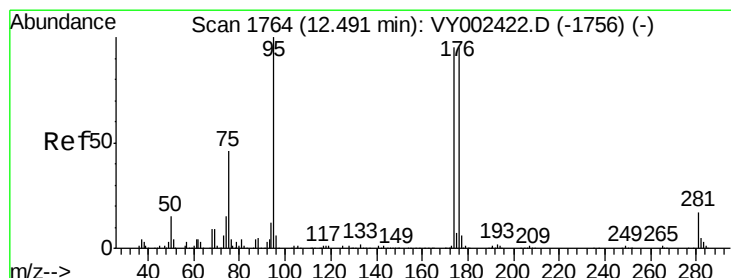
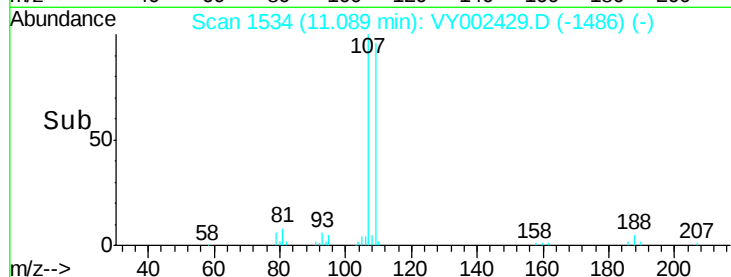
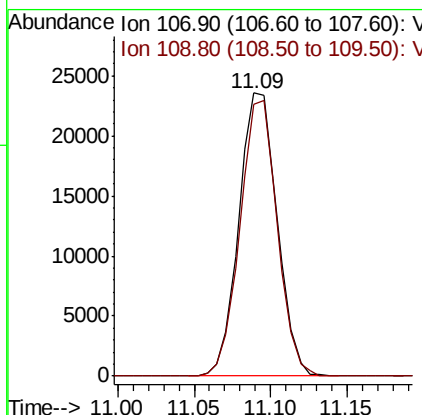
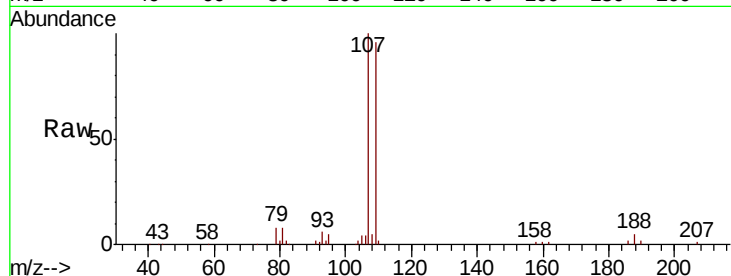




#61
 1,2-Dibromoethane
 Concen: 19.943 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

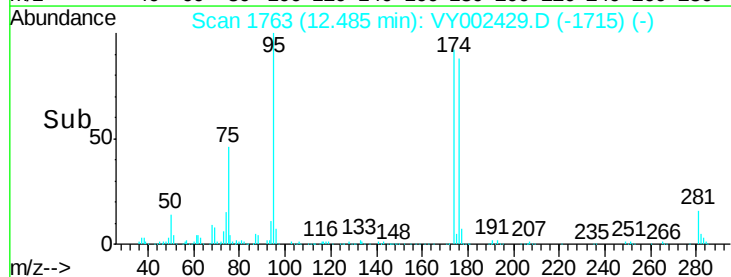
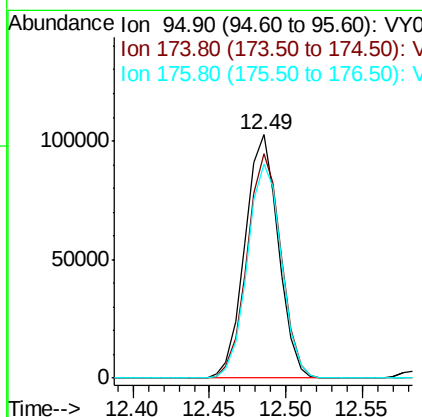
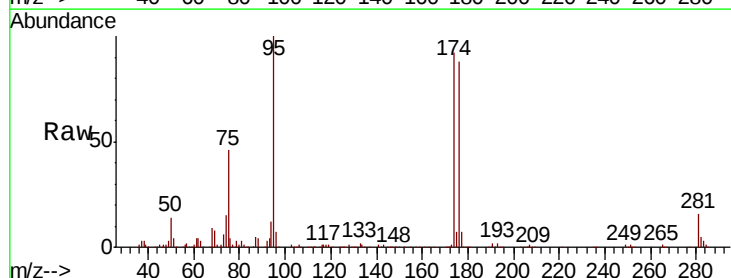
Instrument :
 MSVOA_Y
 ClientSampled :

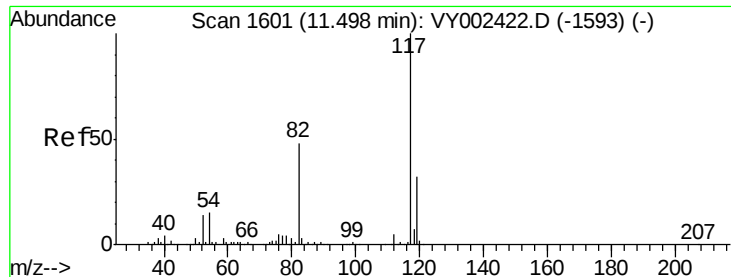
Tot Ion:107 Resp: 40921
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 52.171 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Tgt Ion: 95 Resp: 155631
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 185.8
 176 89.9 0.0 181.2

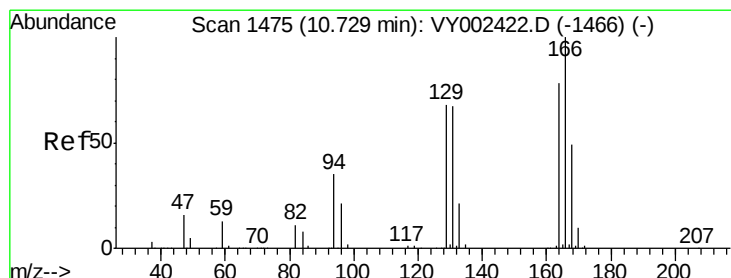
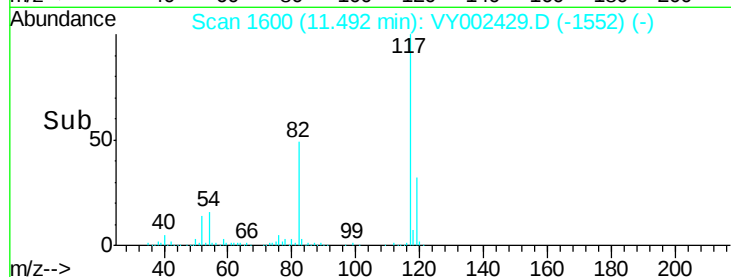
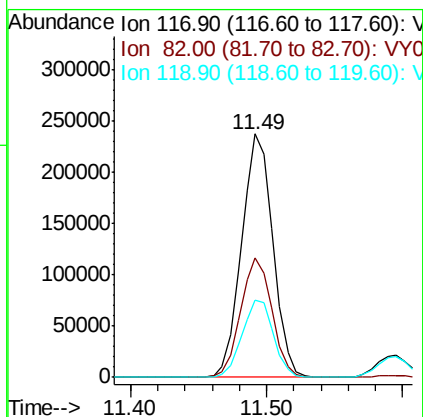
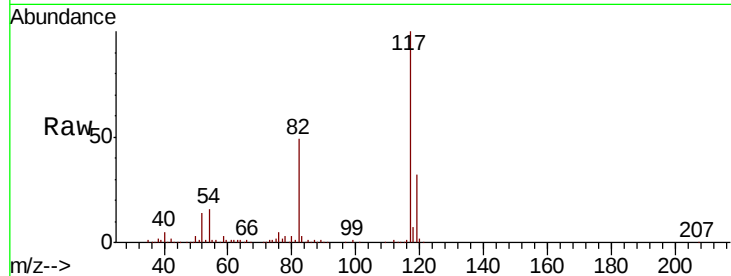




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

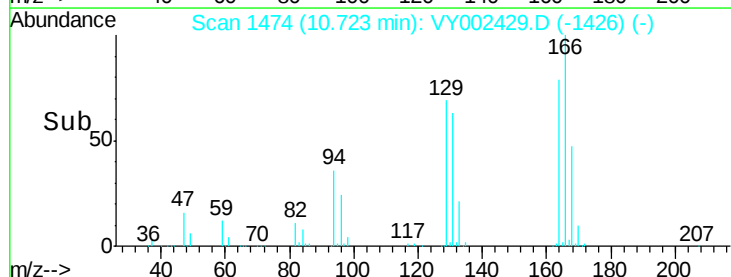
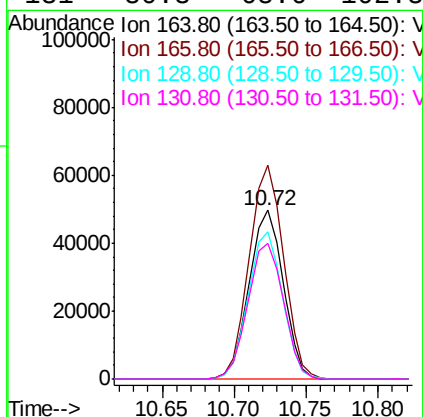
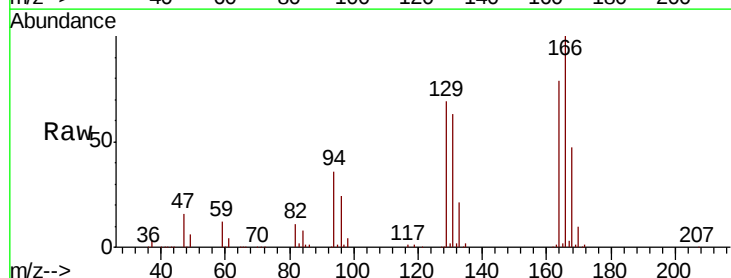
Instrument :
MSVOA_Y
ClientSampleId :

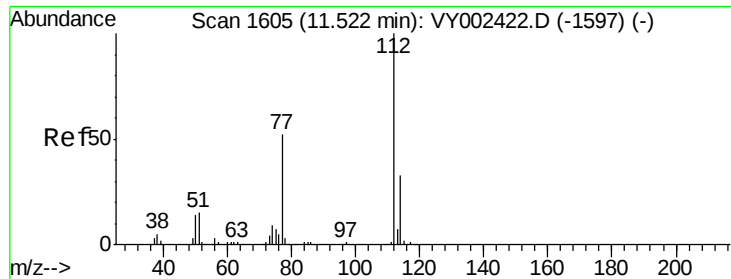
Tot Ion:117 Resp: 381464
Ion Ratio Lower Upper
117 100
82 49.2 38.4 57.6
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 20.085 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion:164 Resp: 81742
Ion Ratio Lower Upper
164 100
166 126.5 102.4 153.6
129 86.9 70.1 105.1
131 80.3 68.6 102.8

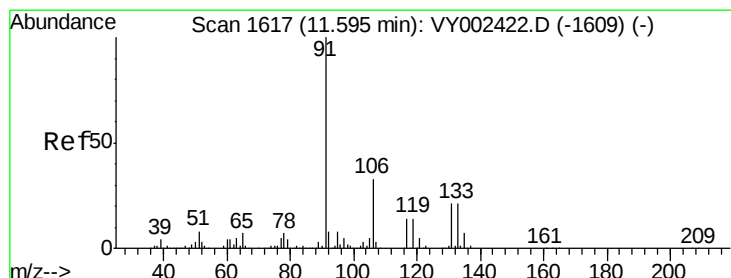
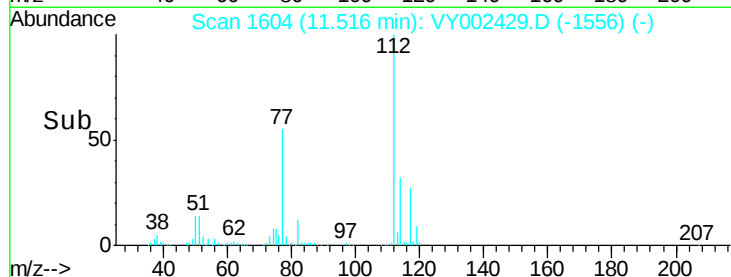
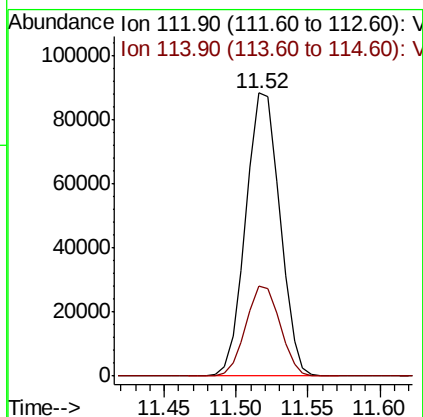
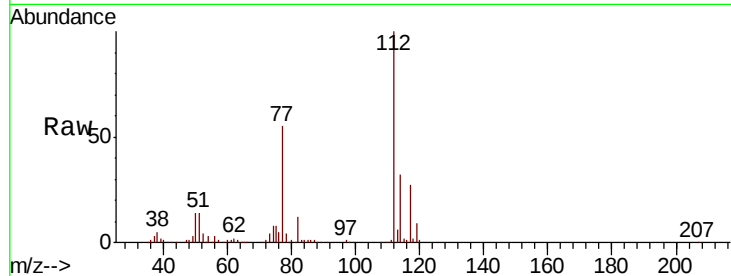




#65
Chlorobenzene
Concen: 19.832 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

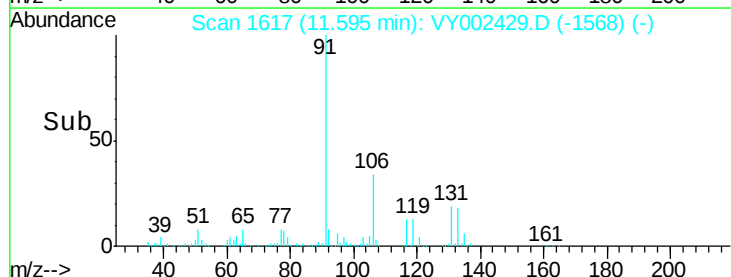
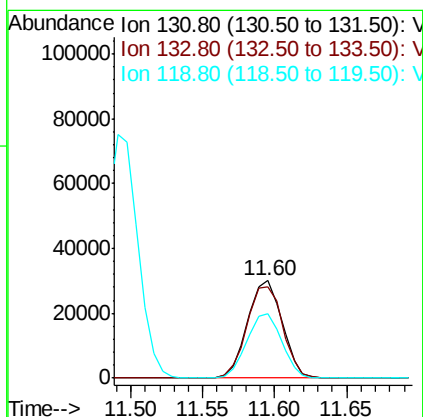
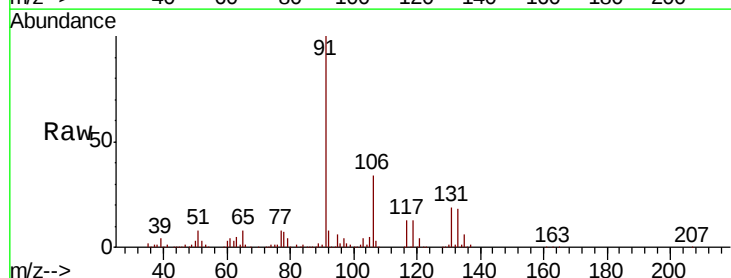
Instrument :
MSVOA_Y
ClientSampleId :

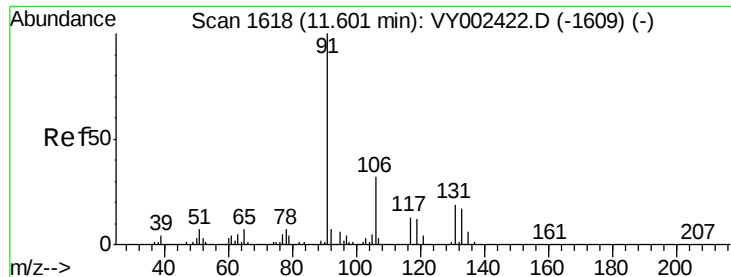
Tot Ion:112 Resp: 145130
Ion Ratio Lower Upper
112 100
114 31.6 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.399 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion:131 Resp: 50082
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.8
119 67.0 33.5 100.4





#67

Ethyl Benzene

Concen: 19.521 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

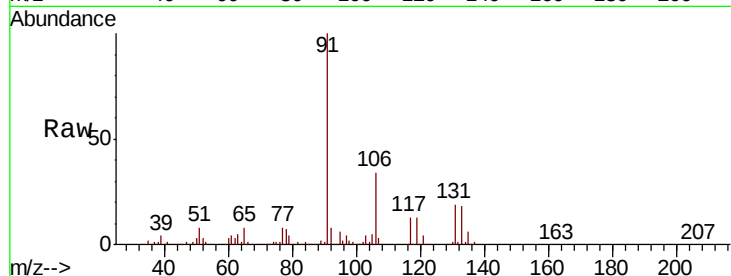
ClientSampleId :

Tot Ion: 91 Resp: 247075

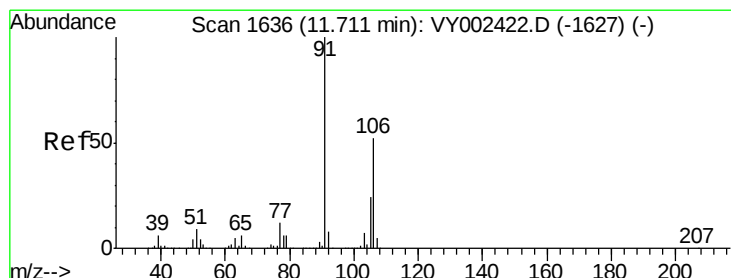
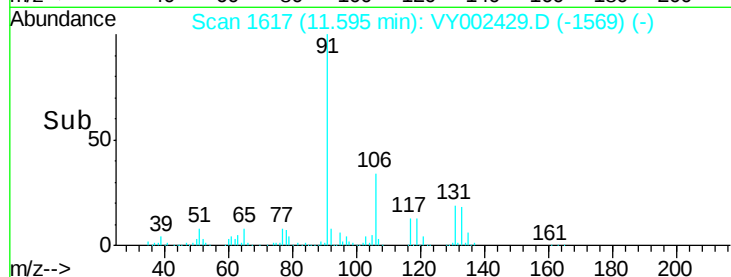
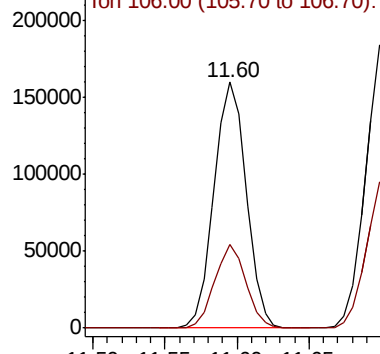
Ion Ratio Lower Upper

91 100

106 33.9 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VY002422.D (-1609) (-)



#68

m/p-Xylenes

Concen: 39.681 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002429.D

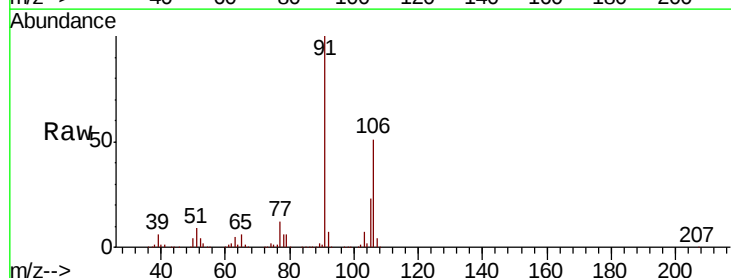
Acq: 21 Apr 2020 13:50

Tgt Ion: 106 Resp: 194090

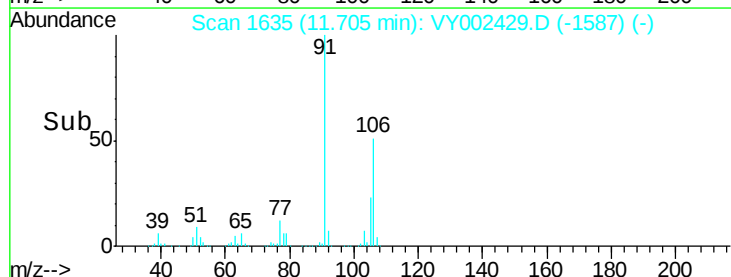
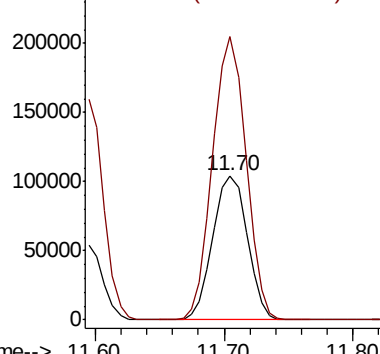
Ion Ratio Lower Upper

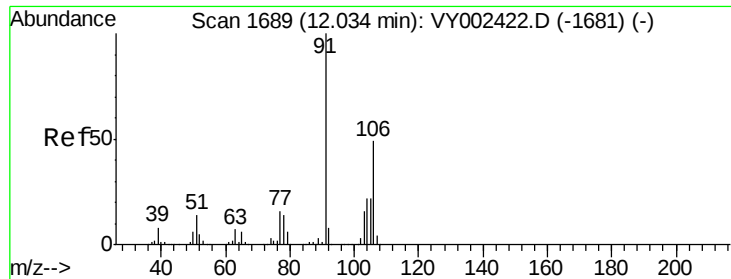
106 100

91 190.3 153.6 230.4



Abundance Ion 106.00 (105.70 to 106.70): VY002422.D (-1627) (-)

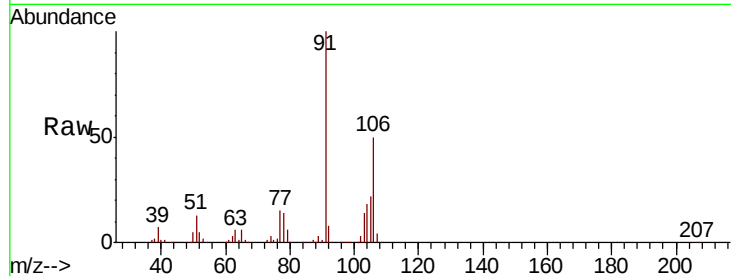




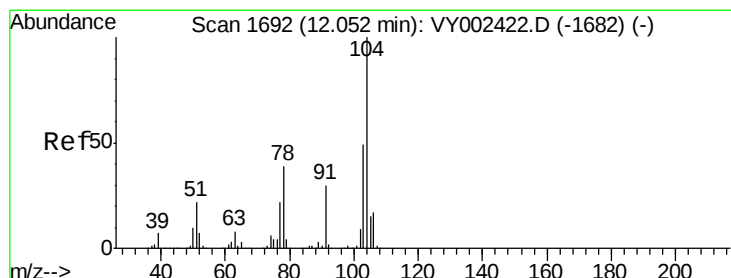
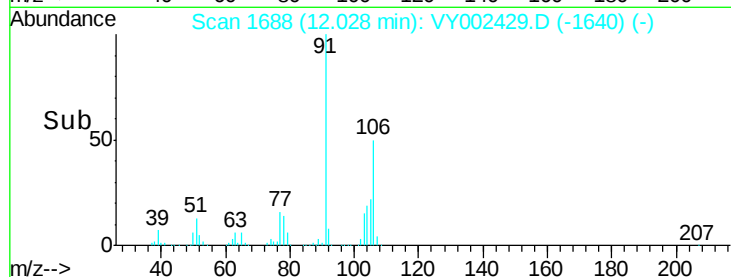
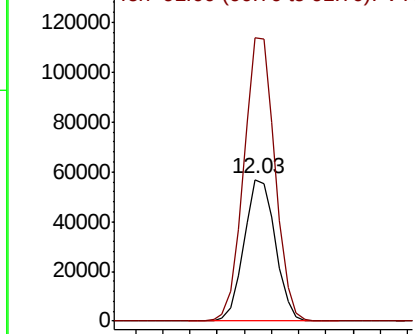
#69
o-Xylene
Concen: 19.904 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 91722
Ion Ratio Lower Upper
106 100
91 198.6 100.4 301.2

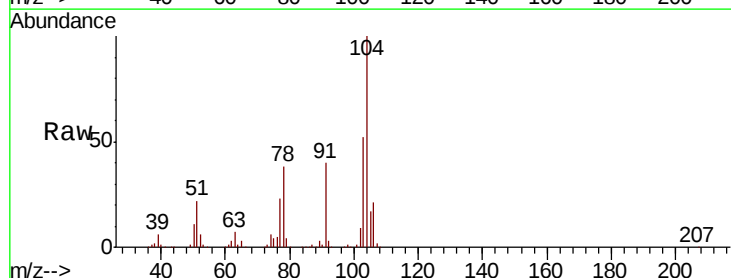


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

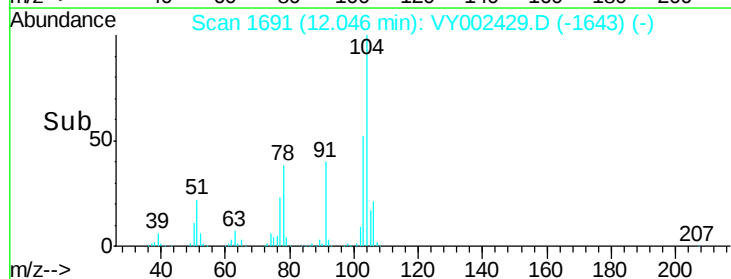
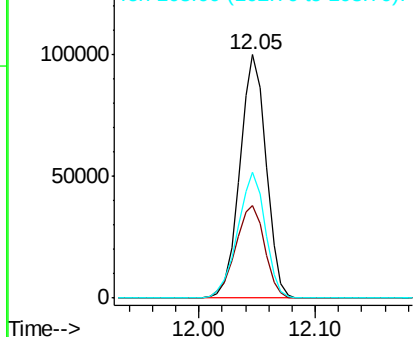


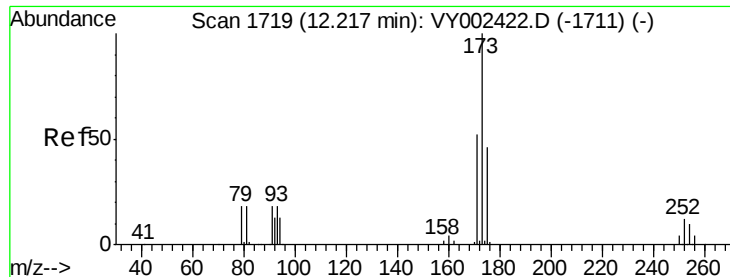
#70
Styrene
Concen: 19.933 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion:104 Resp: 157241
Ion Ratio Lower Upper
104 100
78 42.5 34.5 51.7
103 54.5 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.782 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

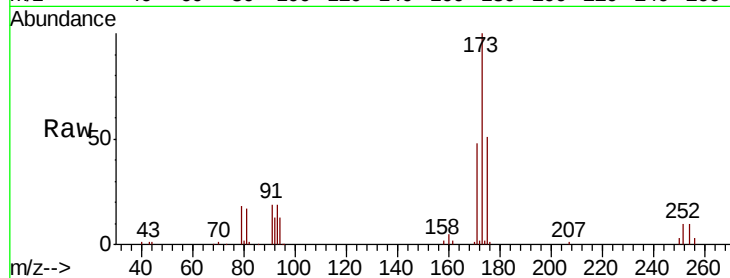
Tot Ion:173 Resp: 31253

Ion Ratio Lower Upper

173 100

175 50.3 23.9 71.7

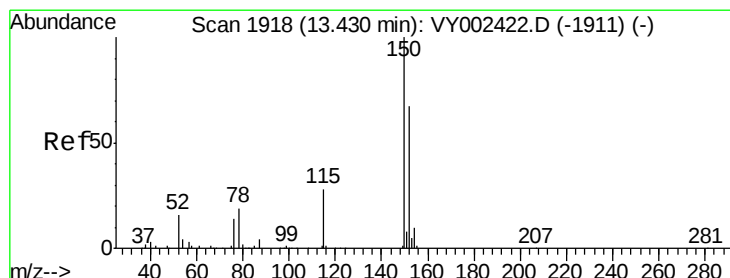
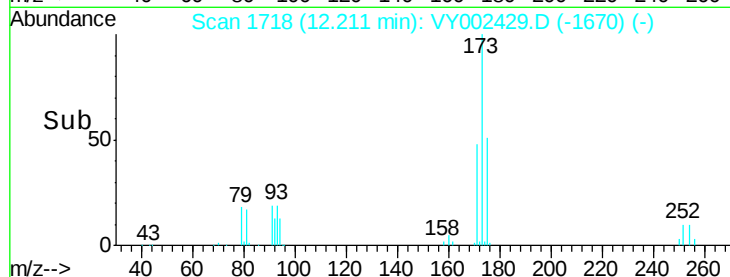
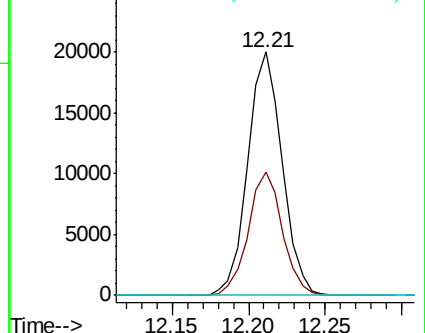
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

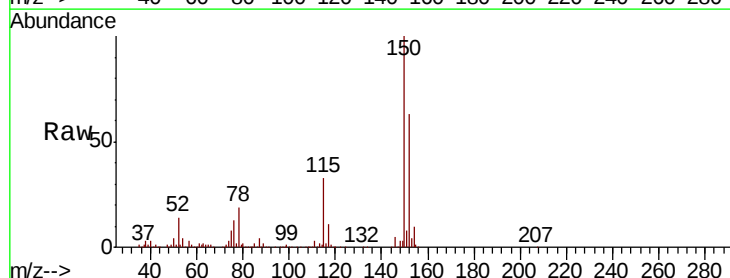
Tgt Ion:152 Resp: 177519

Ion Ratio Lower Upper

152 100

115 53.4 27.3 81.8

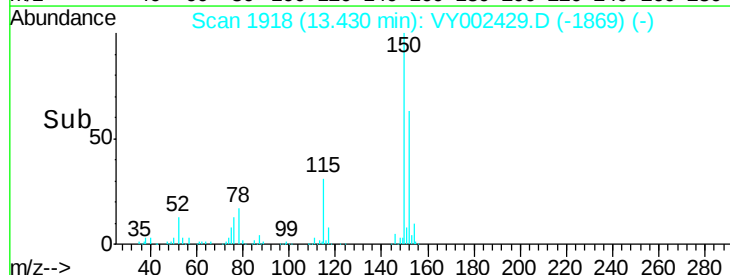
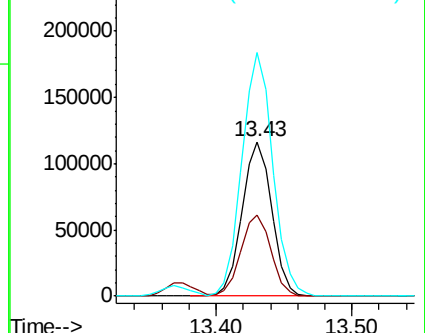
150 164.3 0.0 344.0

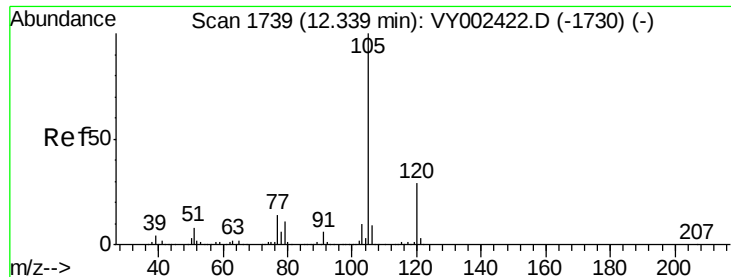


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.246 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

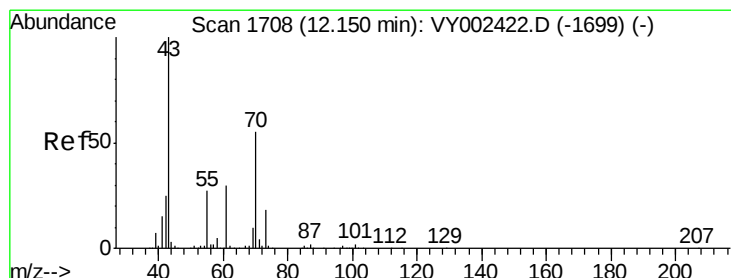
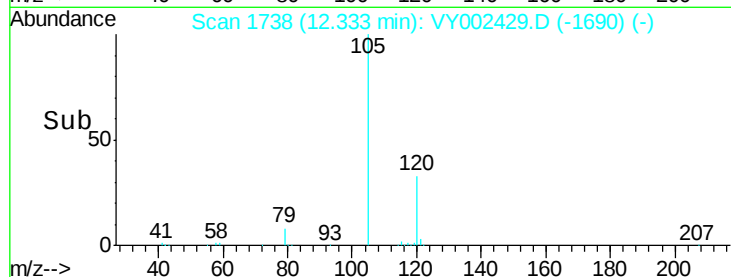
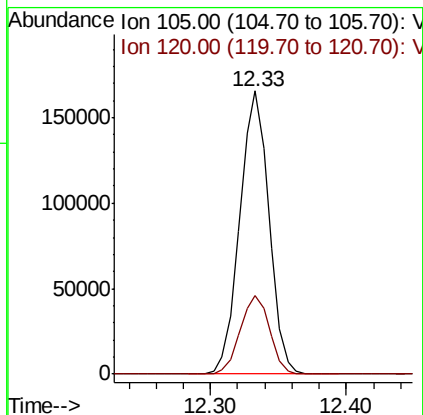
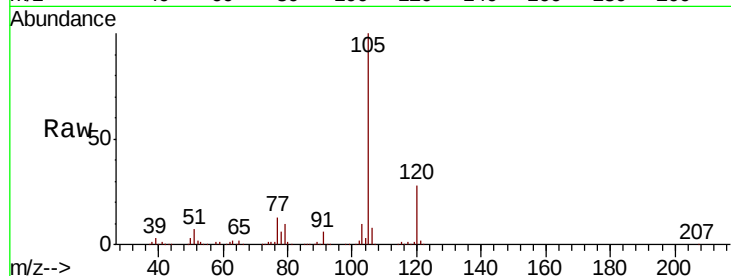
ClientSampleId :

Tot Ion:105 Resp: 247530

Ion Ratio Lower Upper

105 100

120 28.0 13.9 41.7



#74

N-ethyl acetate

Concen: 20.305 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Tgt Ion: 43 Resp: 51709

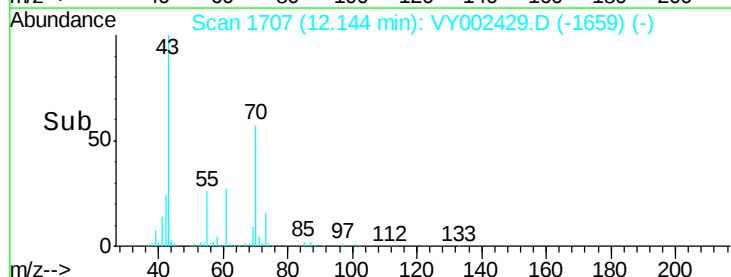
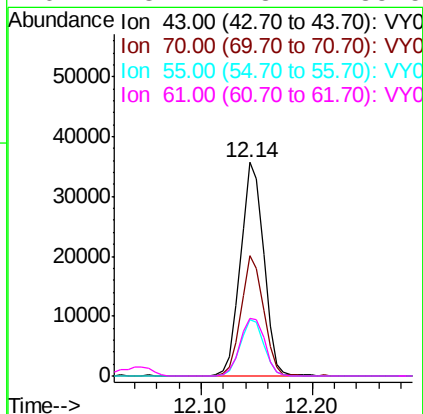
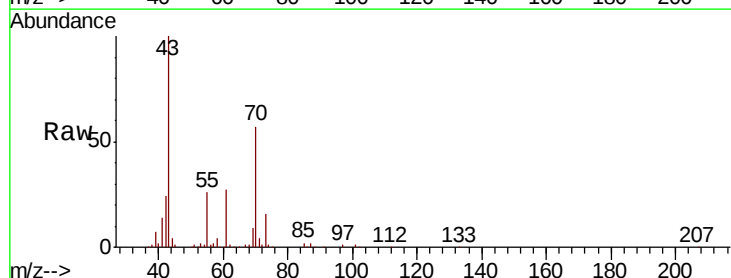
Ion Ratio Lower Upper

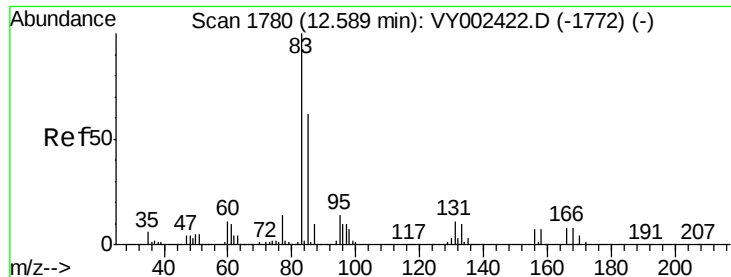
43 100

70 54.6 42.6 63.8

55 26.9 21.0 31.4

61 28.7 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.770 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

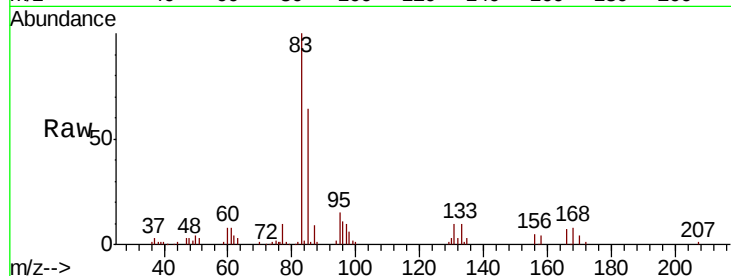
Tot Ion: 83 Resp: 29791

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.6

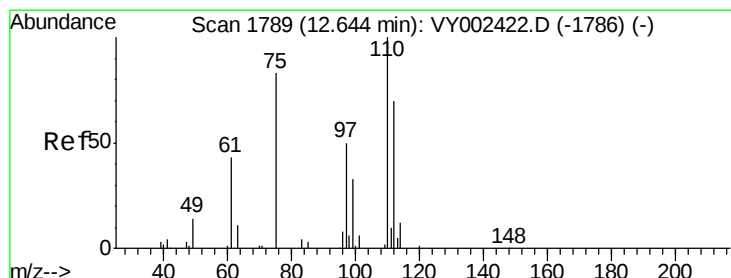
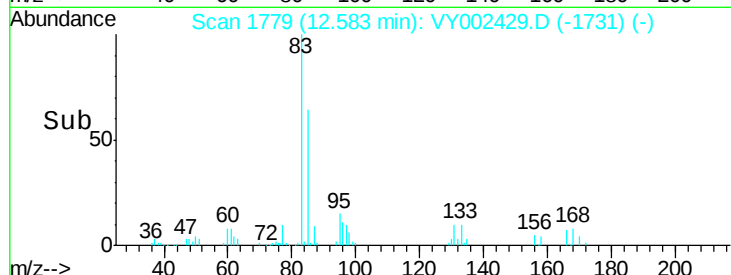
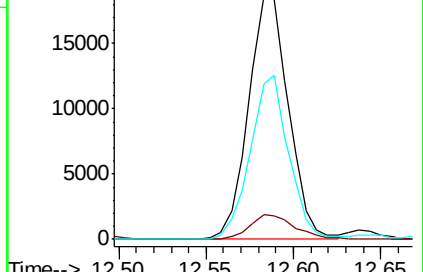
85 64.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002422.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002422.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002422.D (-1772) (-)



#76

1,2,3-Trichloropropane

Concen: 38.123 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002429.D

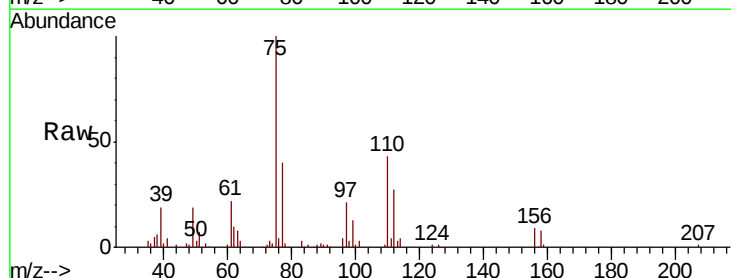
Acq: 21 Apr 2020 13:50

Tgt Ion: 75 Resp: 59620

Ion Ratio Lower Upper

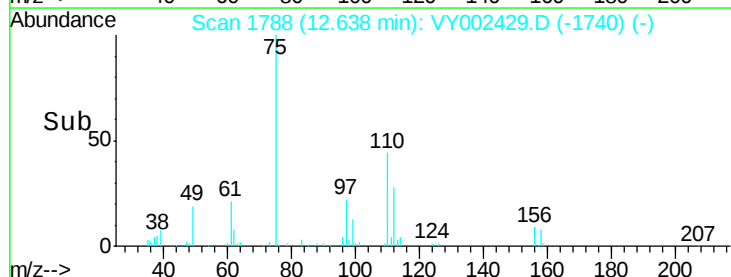
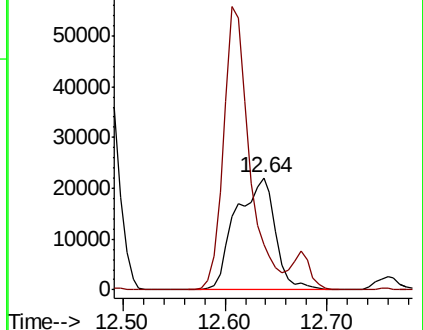
75 100

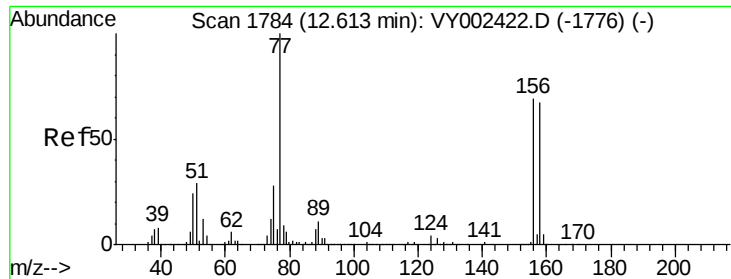
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002422.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002422.D (-1786) (-)





#77

Bromobenzene

Concen: 21.169 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

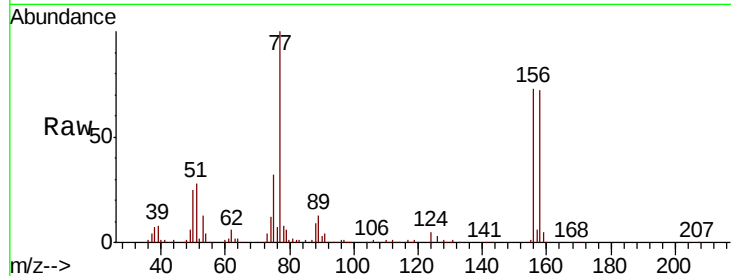
Tot Ion:156 Resp: 62131

Ion Ratio Lower Upper

156 100

77 158.0 80.2 240.6

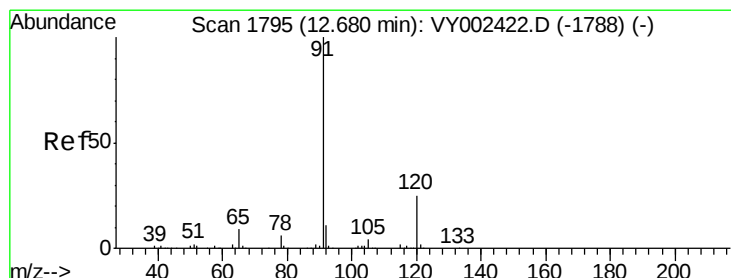
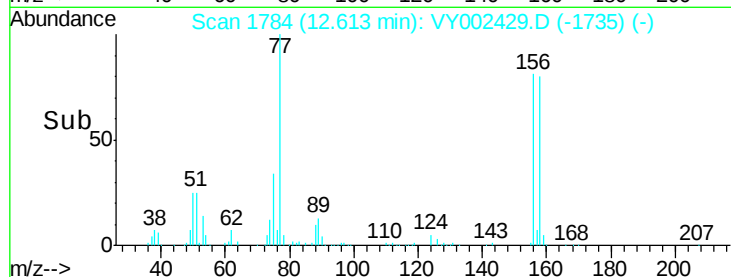
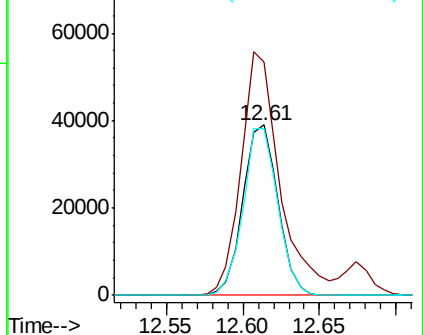
158 96.9 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.756 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002429.D

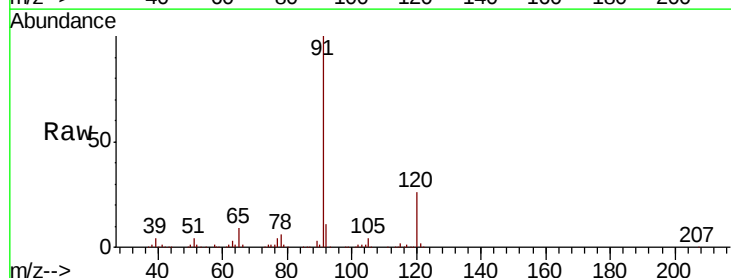
Acq: 21 Apr 2020 13:50

Tgt Ion: 91 Resp: 285639

Ion Ratio Lower Upper

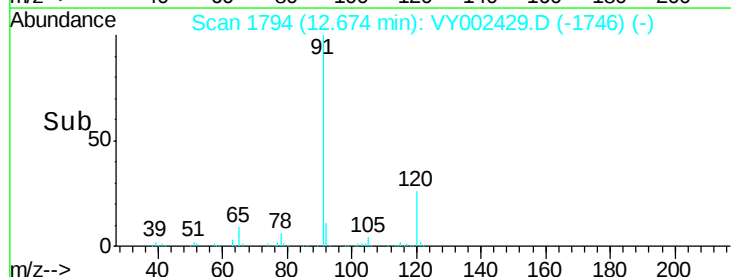
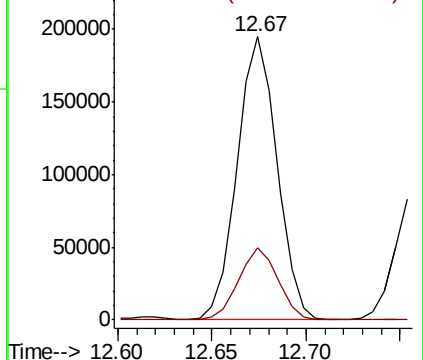
91 100

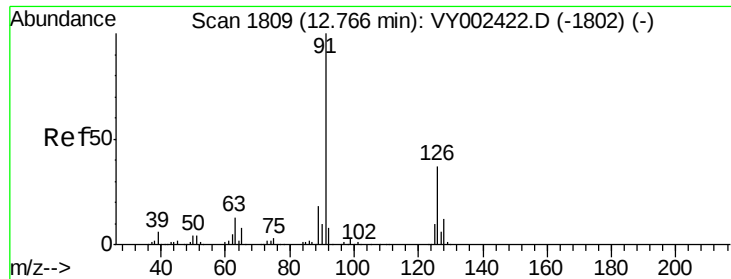
120 25.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

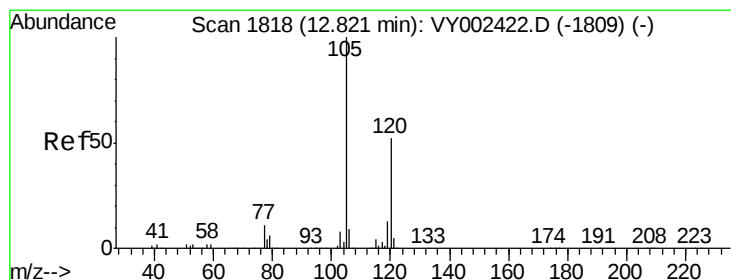
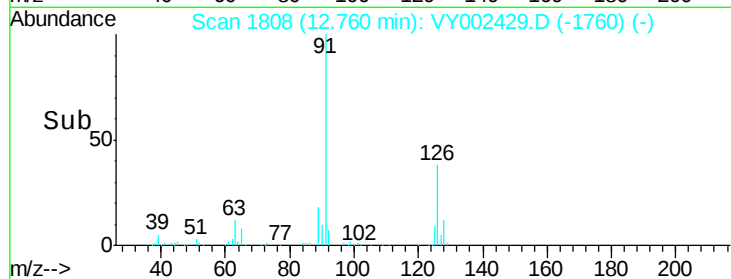
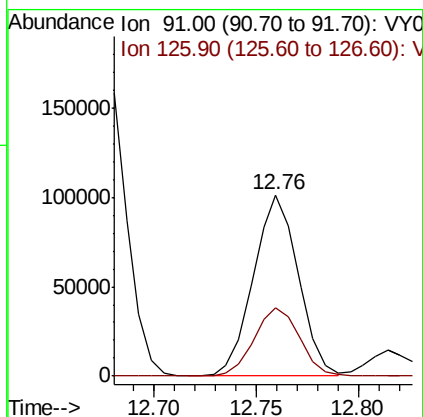
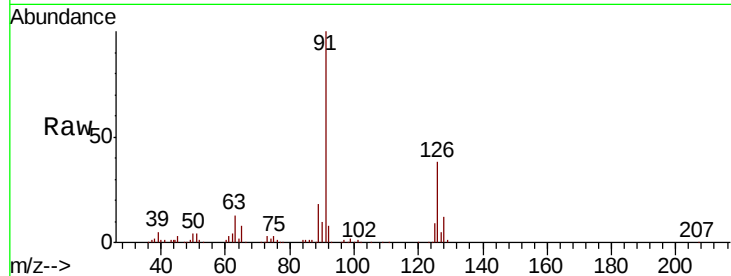




#79
 2-Chlorotoluene
 Concen: 20.652 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

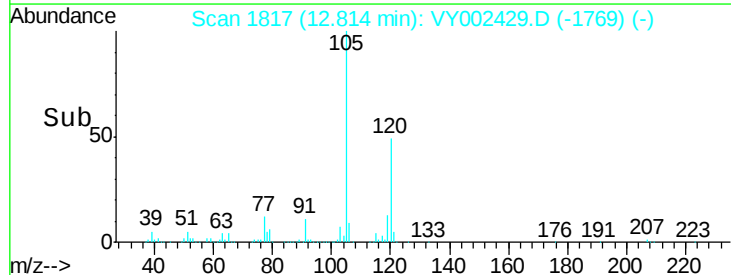
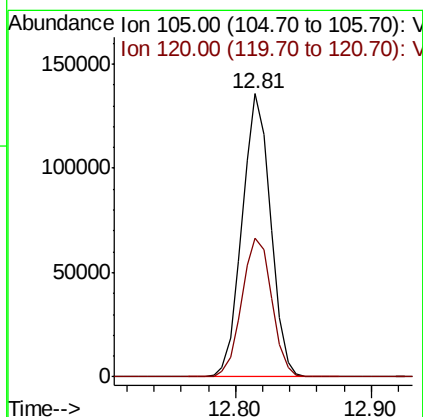
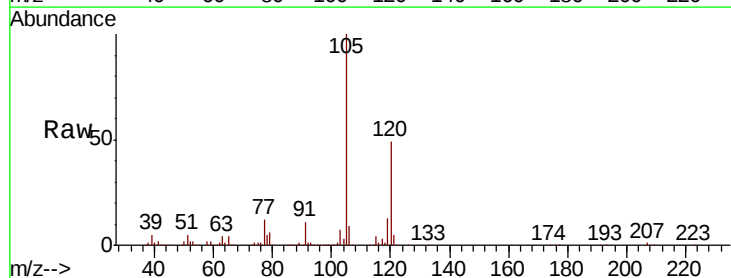
Instrument :
 MSVOA_Y
 ClientSampleId :

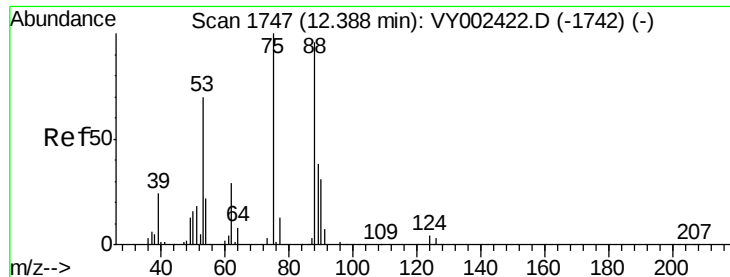
Tot Ion: 91 Resp: 155171
 Ion Ratio Lower Upper
 91 100
 126 38.2 18.8 56.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.700 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Tgt Ion: 105 Resp: 198845
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.165 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

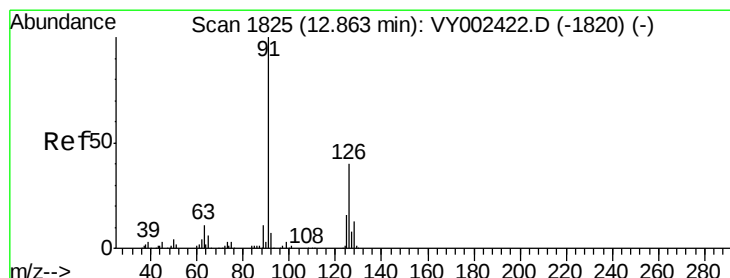
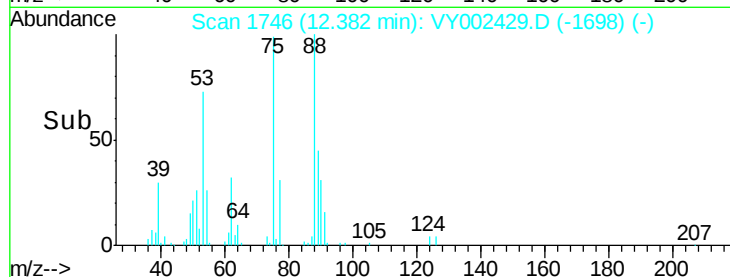
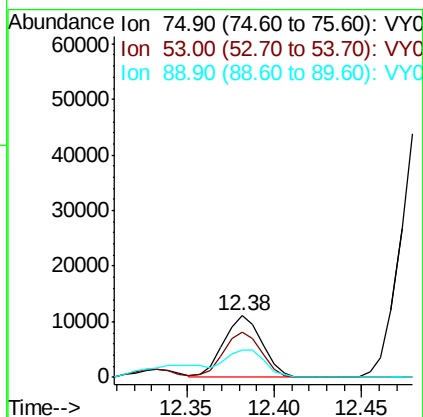
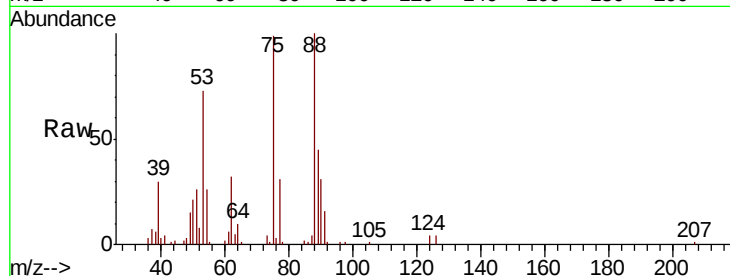
Tot Ion: 75 Resp: 16984

Ion Ratio Lower Upper

75 100

53 72.6 58.7 88.1

89 45.7 37.9 56.9



#82

4-Chlorotoluene

Concen: 20.594 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002429.D

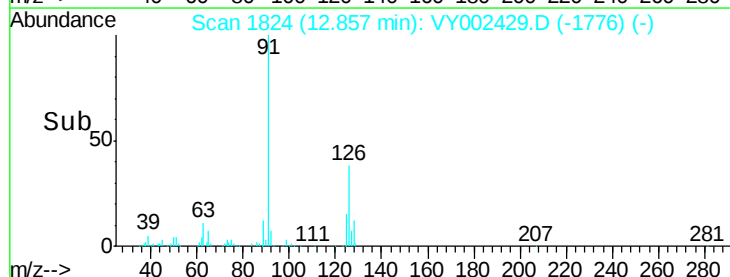
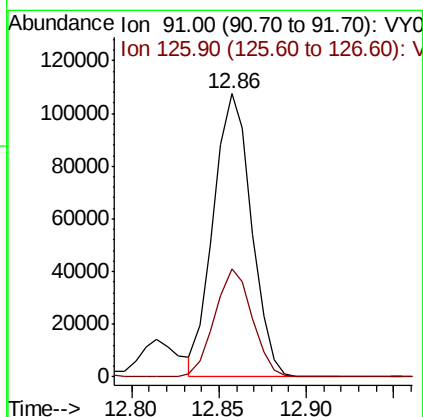
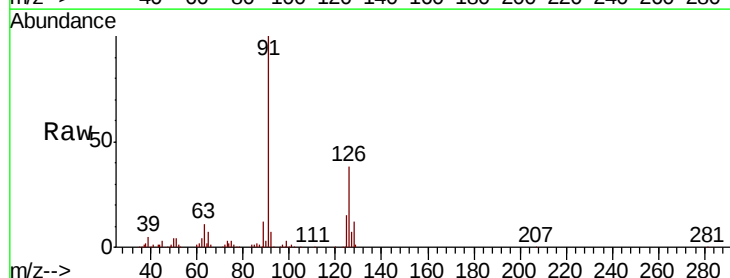
Acq: 21 Apr 2020 13:50

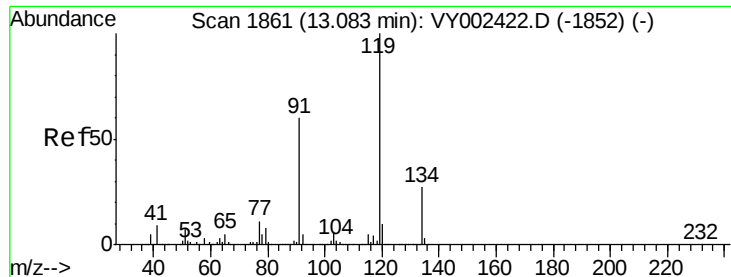
Tgt Ion: 91 Resp: 162641

Ion Ratio Lower Upper

91 100

126 38.0 0.0 0.0#

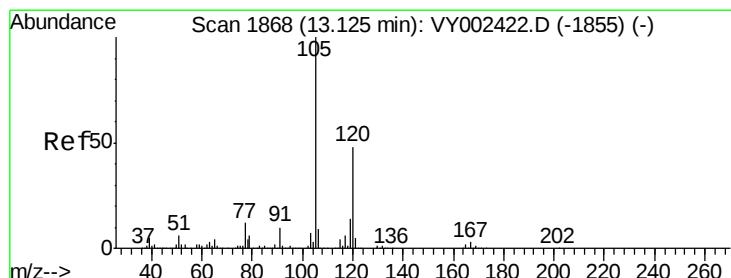
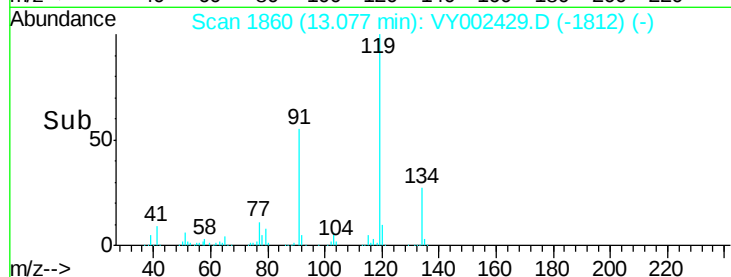
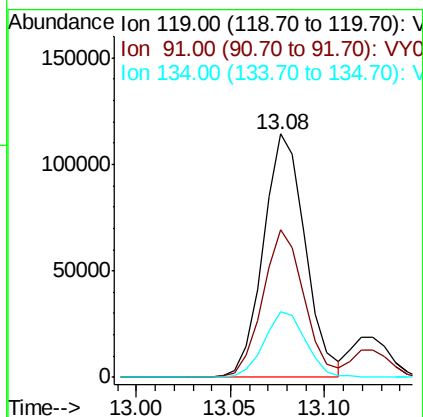
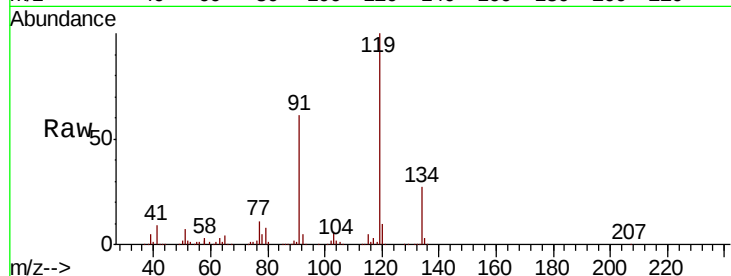




#83
 tert-Butylbenzene
 Concen: 21.126 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

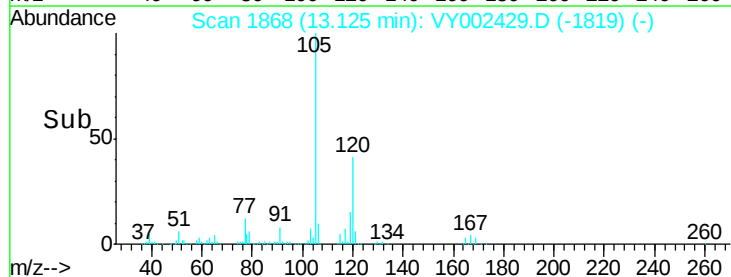
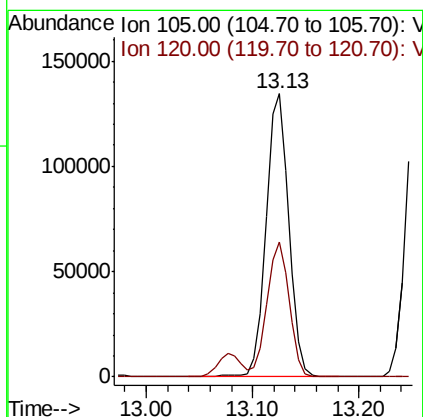
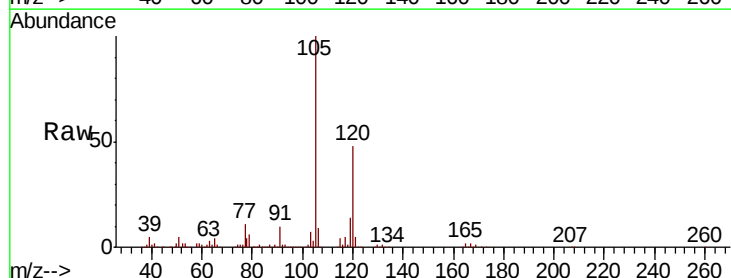
Instrument :
 MSVOA_Y
 ClientSampleId :

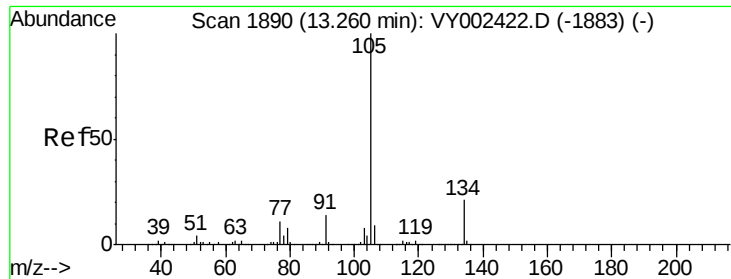
Tot Ion:119 Resp: 176183
 Ion Ratio Lower Upper
 119 100
 91 59.7 30.2 90.6
 134 27.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.872 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Tgt Ion:105 Resp: 200862
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.9 71.7





#85

sec-Butylbenzene

Concen: 20.156 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

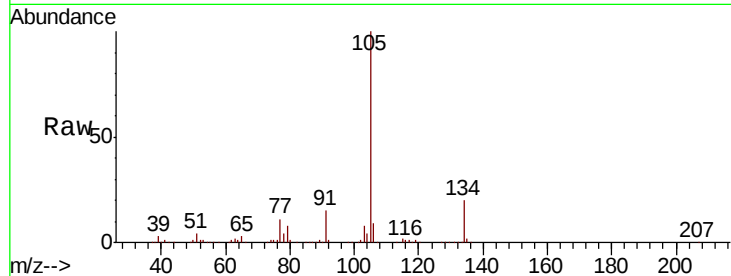
ClientSampleId :

Tot Ion:105 Resp: 239181

Ion Ratio Lower Upper

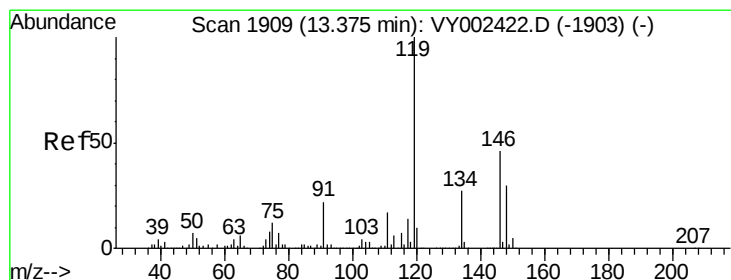
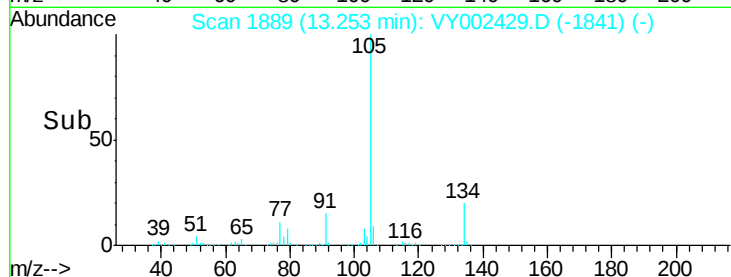
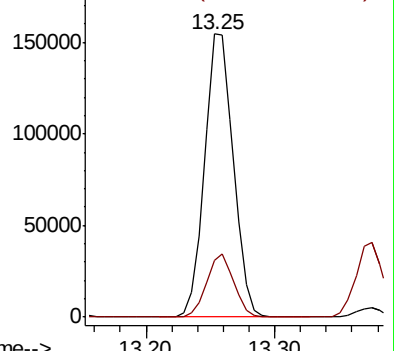
105 100

134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.185 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

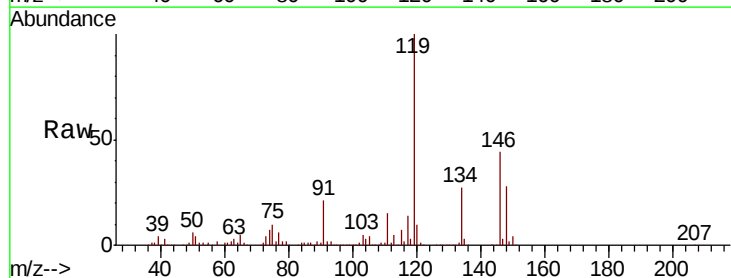
Tgt Ion:119 Resp: 217241

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

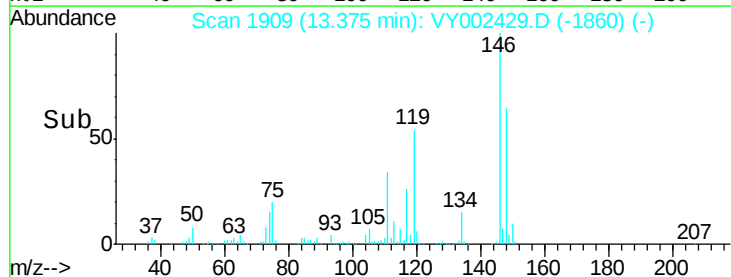
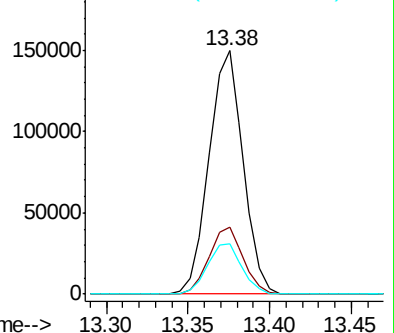
91 21.1 10.7 32.1

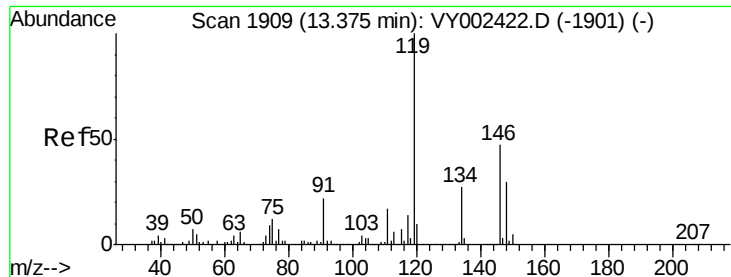


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.559 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampled :

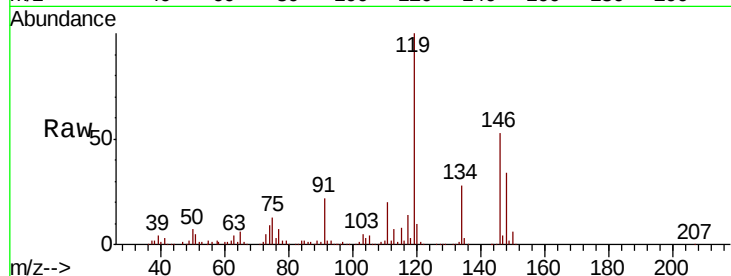
Tot Ion:146 Resp: 112245

Ion Ratio Lower Upper

146 100

111 36.3 18.6 55.8

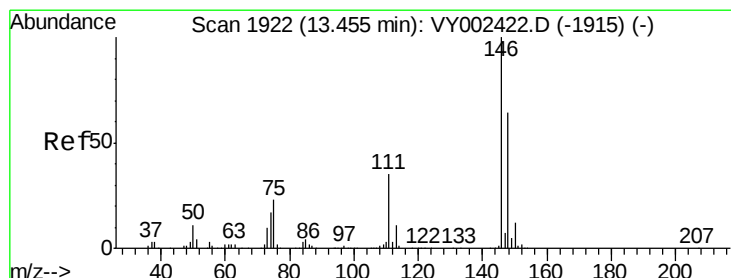
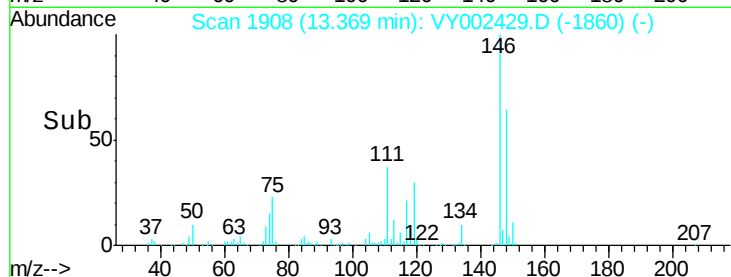
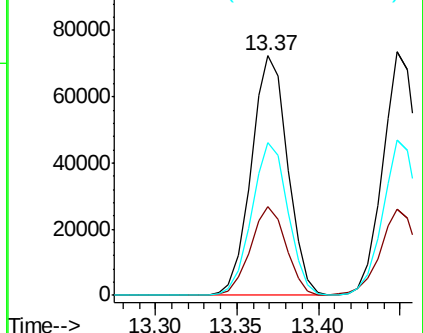
148 63.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.012 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

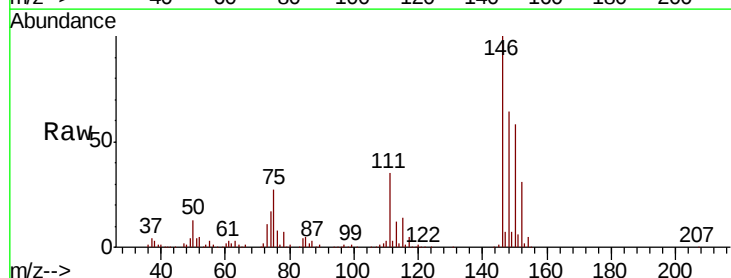
Tgt Ion:146 Resp: 110583

Ion Ratio Lower Upper

146 100

111 36.9 17.9 53.8

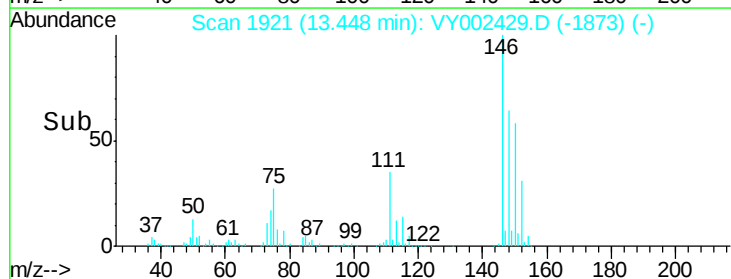
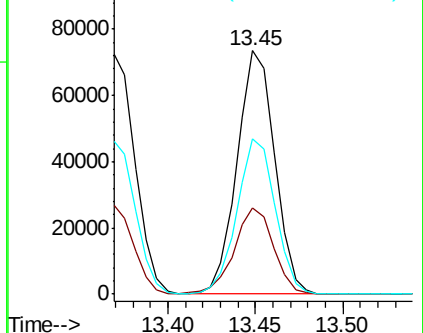
148 64.5 32.1 96.3

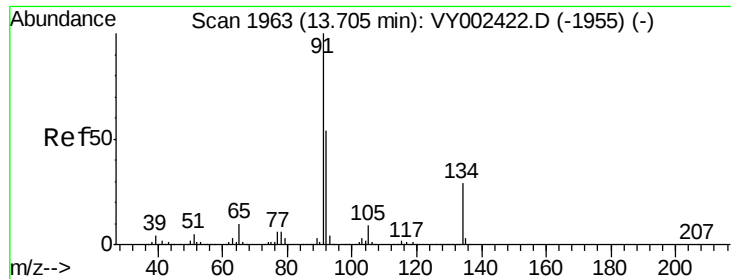


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

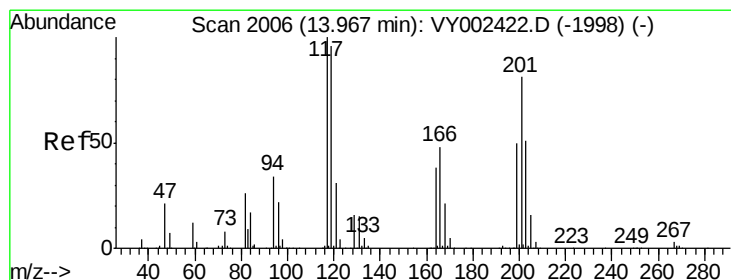
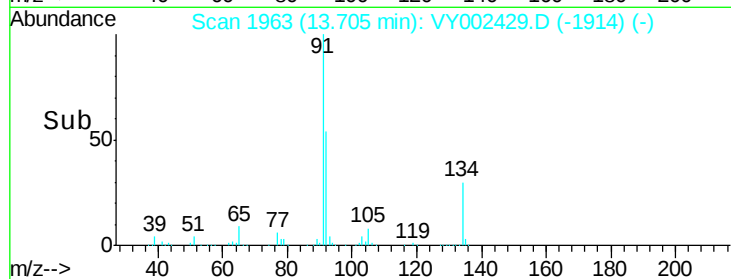
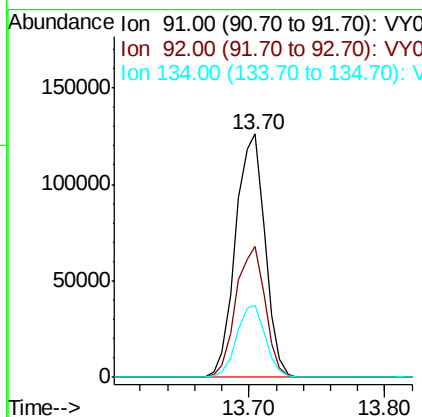
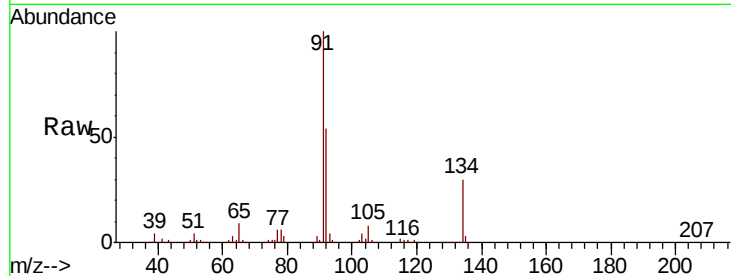




#89
n-Butylbenzene
Concen: 18.926 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

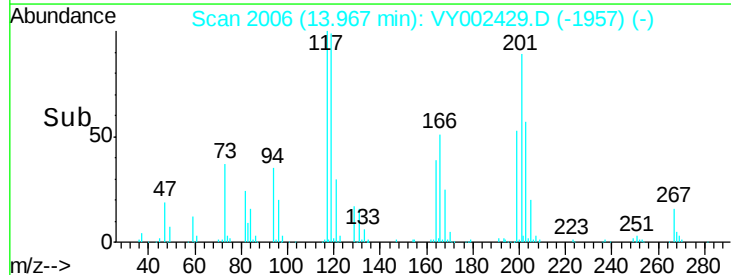
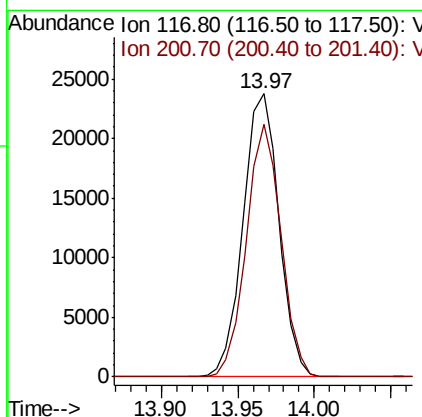
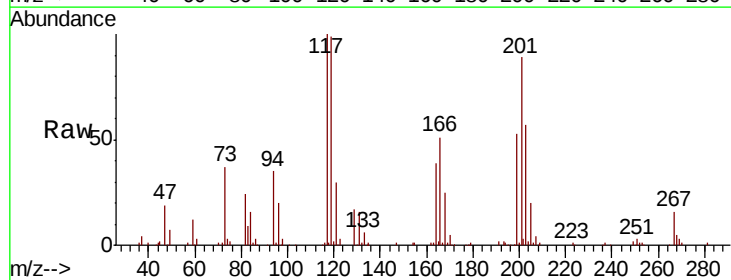
Instrument :
MSVOA_Y
ClientSampleId :

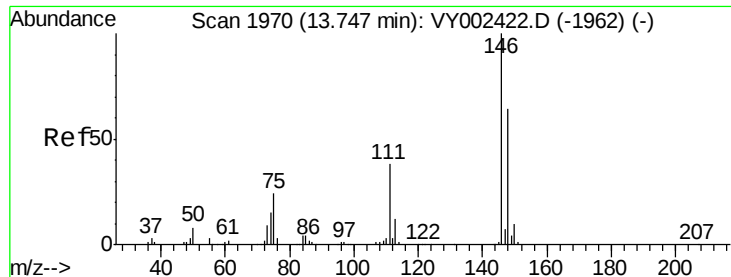
Tot Ion: 91 Resp: 189911
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.4
134 28.8 14.4 43.2



#90
Hexachloroethane
Concen: 19.232 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002429.D
Acq: 21 Apr 2020 13:50

Tgt Ion: 117 Resp: 38806
Ion Ratio Lower Upper
117 100
201 85.8 42.5 127.5





#91

1,2-Dichlorobenzene

Concen: 20.503 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

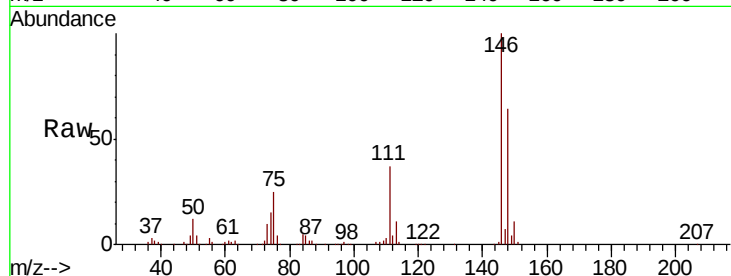
Tot Ion:146 Resp: 102464

Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.5

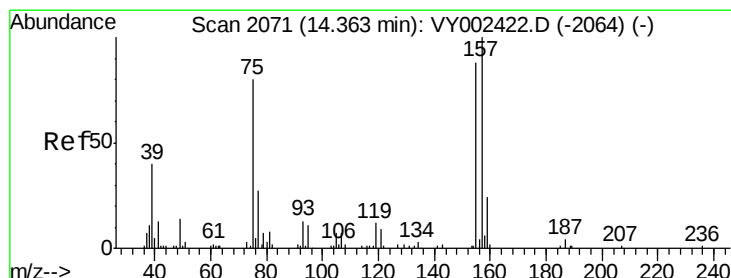
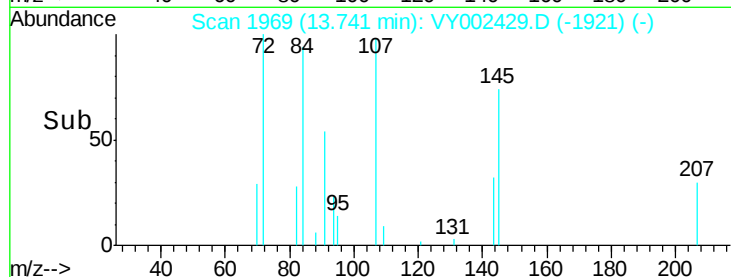
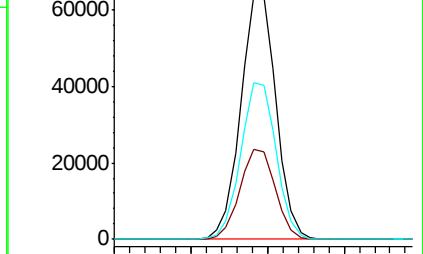
148 64.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.560 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

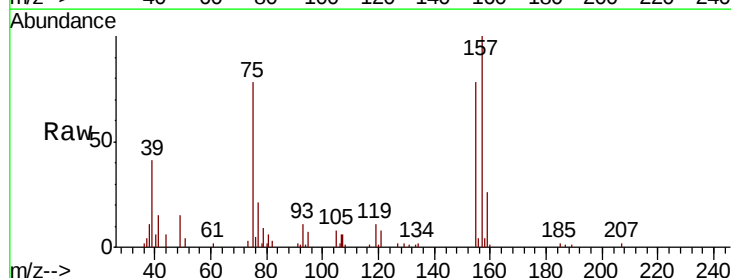
Tgt Ion: 75 Resp: 6404

Ion Ratio Lower Upper

75 100

155 106.7 56.1 168.3

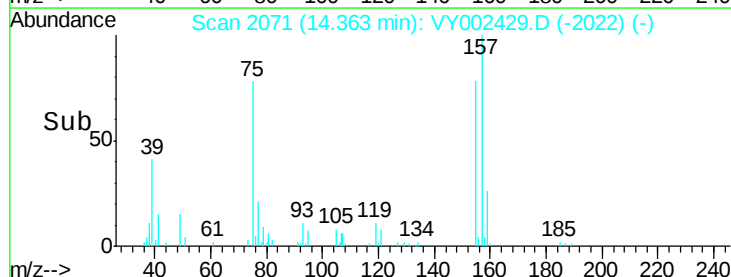
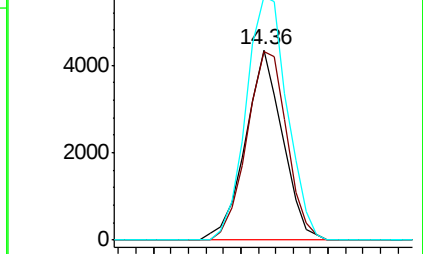
157 141.8 71.5 214.5

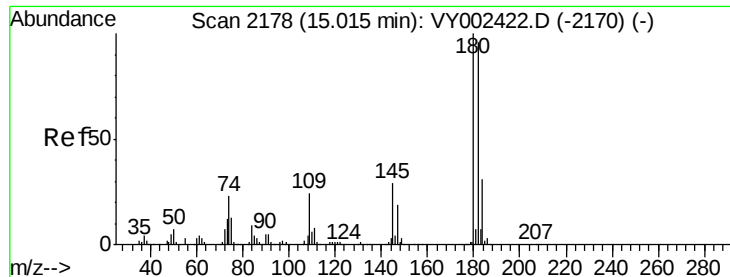


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

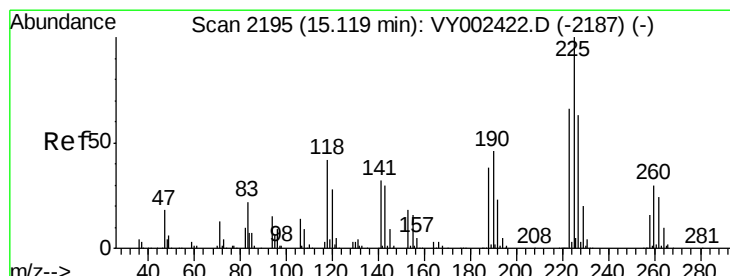
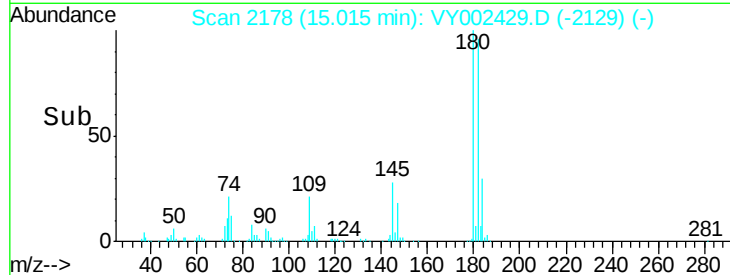
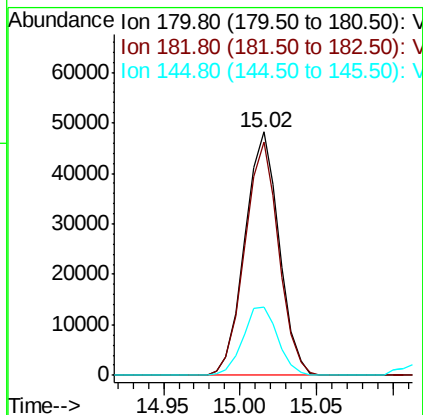
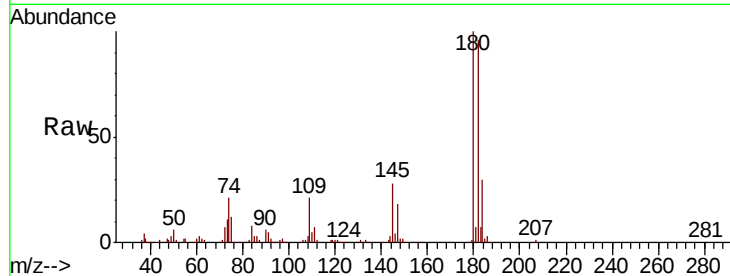




#93
 1,2,4-Trichlorobenzene
 Concen: 20.938 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

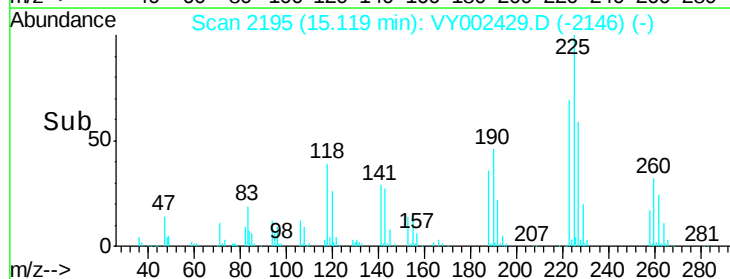
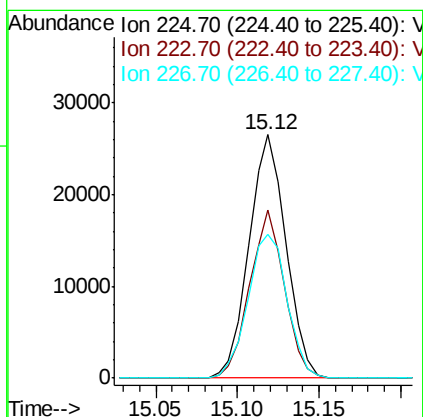
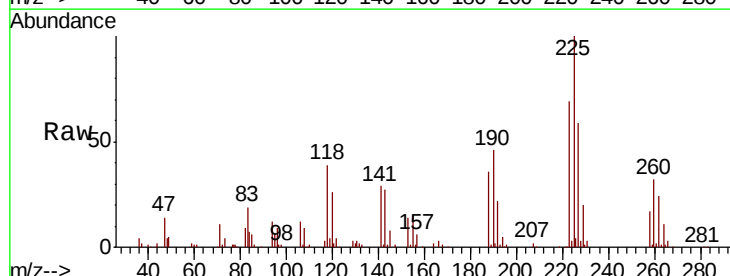
Instrument :
 MSVOA_Y
 ClientSampleId :

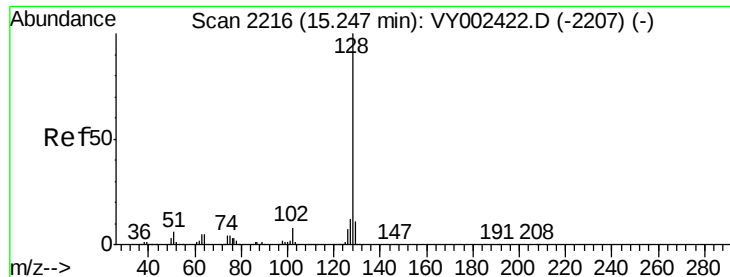
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	28.7	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 21.335 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002429.D
 Acq: 21 Apr 2020 13:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.0	96.0
227	62.5	31.6	95.0





#95

Naphthalene

Concen: 20.548 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

Instrument :

MSVOA_Y

ClientSampled :

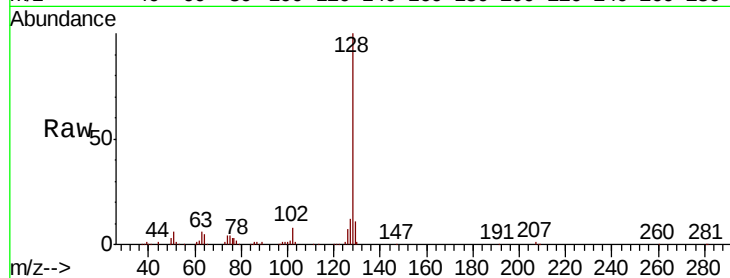
Tot Ion:128 Resp: 142595

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

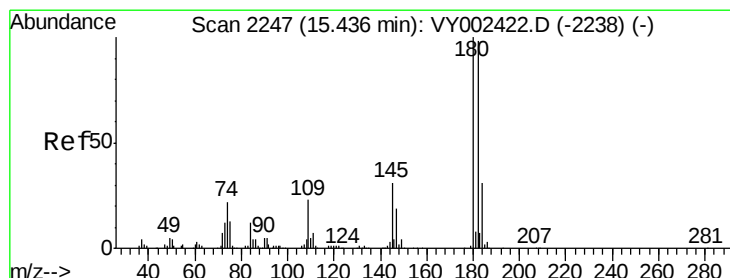
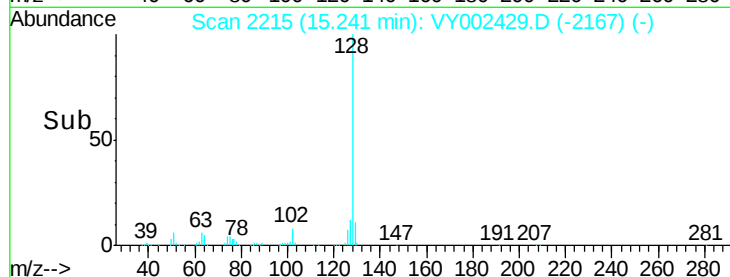
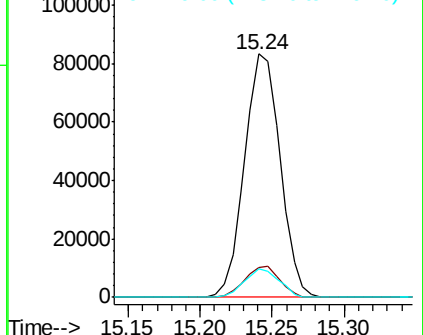
129 11.2 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.480 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002429.D

Acq: 21 Apr 2020 13:50

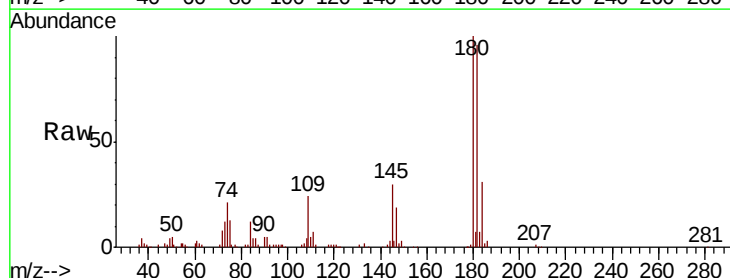
Tgt Ion:180 Resp: 63645

Ion Ratio Lower Upper

180 100

182 94.6 47.2 141.6

145 30.6 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

